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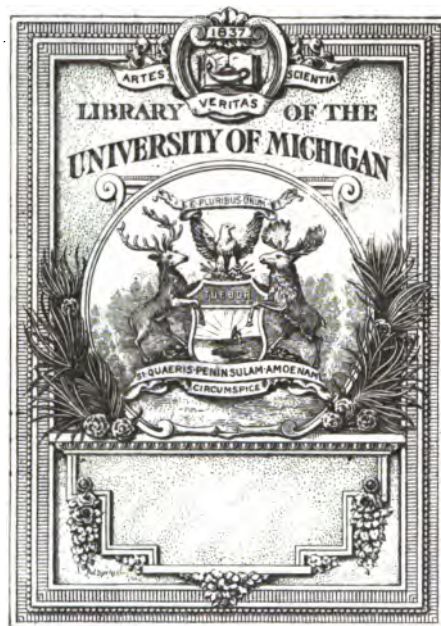
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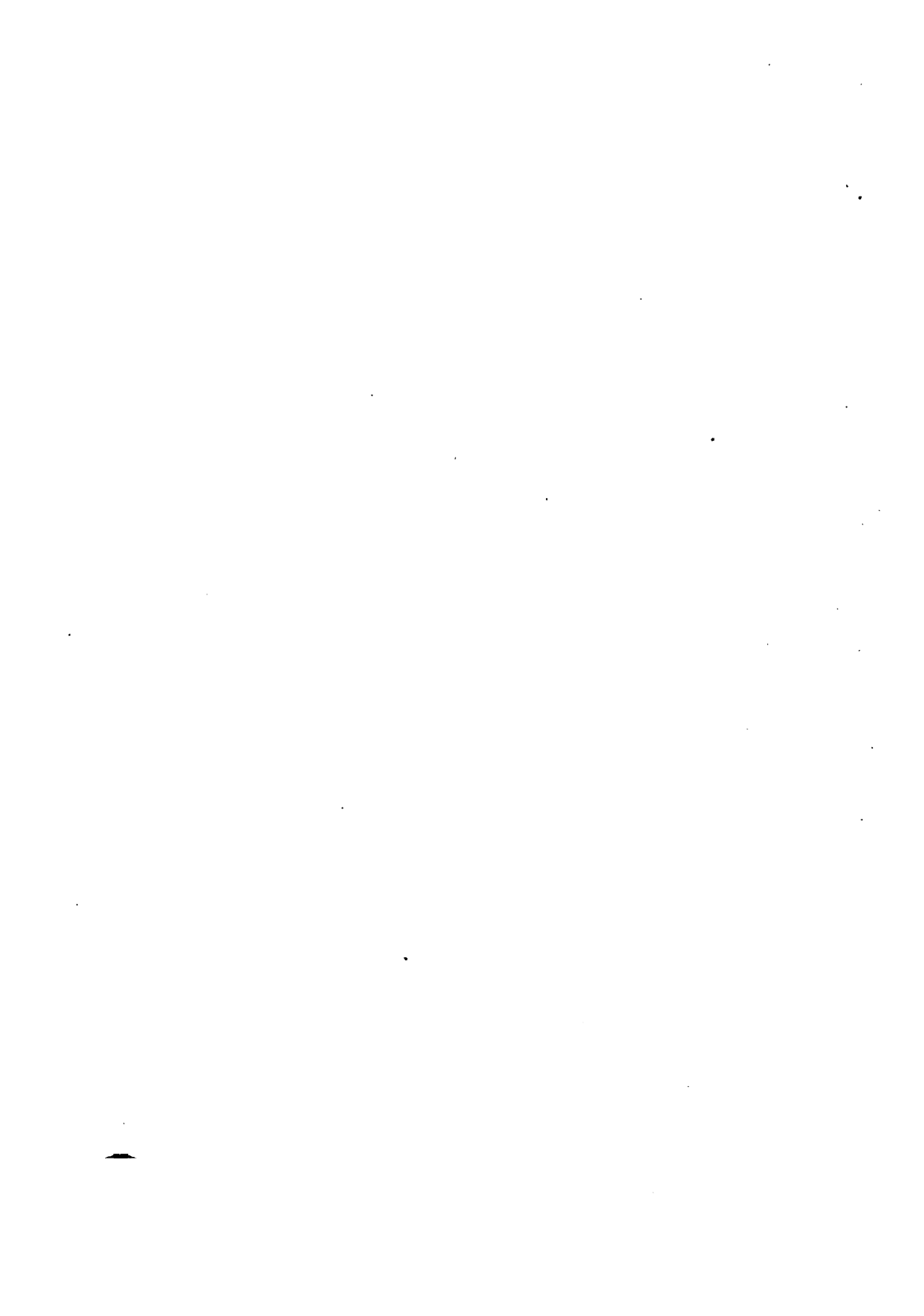
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35	Allen, Mr. S. E.	15A	Perdriau, Mr. L.	30	Thompson Chapel
68	Atchison, Dr. C. S.	22	Parsons, Dr. E. B.	61	Thompson Biological
60	Bailey, Mr. R. O.	3A	Perry, Prof. L.	Laboratory	
68	Buffinton, Mr. A. H.	10	Pratt, Prof. J. B.	60	Thompson Chemical
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77	Clarke, Prof. S. F.	57	Rice, Prof. R. A.	56	Thompson Physical
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61	Corwin, Mr. R. S.	78	Russell, Prof. J. E.	64	West College
8	Cru, Mr. A. L.	41A	Salter, Mr. S.	13A	Williams Hall
37	Dame, Mr. A. M.	26	Seeley, Mr. C. F.		
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69	Doughty, Prof. W. H.	59	Smith, Prof. T. C.	62	A. Z. A. House
2A	Droppers, Prof. G.	7	Wahl, Prof. G. M.	14A	Δ. Δ. Lodge
68	Dutton, Dr. G. B.	10	Weston, Prof. K. E.	71	Δ. K. E. House
9	Ferry, Dean F. C.	33	Wetmore, Prof. M. N.	5	Δ. T. House
12	Galbraith, Prof. J. S.			74	Z. Ψ. House
19	Garfield, President			13	Θ. Δ. X. House
23	Goodrich, Prof. F.	46	Baseball Cage	4	K. A. Lodge
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60	Hack, Mr. R. K.	28	College Hall	76	Φ. Σ. K. House
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56	Harrington, Mr. E. A.	51	East College	21	Σ. Φ. Place
2A	Hart, Mr. W. C.	63	Edward Clark Hall	79	St. Anthony Hall
15	Hewitt, Prof. J. H.	49	Fayerweather Hall		
15	Hewitt, Mr. T. B.	70	Field Memorial Ob-	40A	Baptist Church
37	Hildreth, Mr. A.		servatory	20	Congregation'l Church
14	Howard, Prof. F. H.	52	Goodrich Hall	11	Episcopal Church
25	Howes, Prof. G. E.	21A	Grace Hall	41	Methodist Church
1	Hoyt, Mr. W. E.	31	Griffin Hall	34	Roman Catholic
80	Johnson, Dr. C. W.	53	Gymnasium, Lasell	Church	
27	Kellogg, Prof. J. L.	17	Haystack Monument		
12	King, Prof. J. P.	45	Heating Plant	24	Williams Inn
61	Lowe, Mr. J. A.	29	Hopkins Hall	6	Greylock Hotel
66	Maxcy, Prof. C. L.	44	Hopkins Observatory	47	The Cosmo
65	McElfresh, Prof. W. E.	16	Infirmery	75	Pilgrim Inn
68	Mears, Prof. L.	55	Jesup Hall		
8	Mears, Prof. B.	50	Library, Lawrence	32	Street Railway Ter-
67	Milham, Prof. W. I.		Hall	minus	
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CATALOGUE

OF

WILLIAMS COLLEGE

1911-1912



WILLIAMSTOWN, MASS.

PUBLISHED BY THE COLLEGE

1911

1911												1912											
DEC.	NOV.	OCT.	SEPT.	AUG.	JULY							JUNE	MAY	APR.	MAR.	FEB.	JAN.						
31	30	29	28	27	26	SUN.	2	3	4	5	6	30	29	28	27	26	25	31	30	29	28	27	26
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17	16	15	14	13	12	TUE.	1	2	3	4	5	16	15	14	13	12	11	14	13	12	11	10	9
10	9	8	7	6	5	WED.	8	9	10	11	12	9	8	7	6	5	4	7	6	5	4	3	2
3	2	1				THU.	15	16	17	18	19	2	1					2	1				
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1						FRI.												22	23	24	25	26	27
						SAT.												29	30	31			

# CALENDAR

1911

**June 21—Commencement** .....Wednesday  
**June 30—Last day for re-application for scholarships**.....Friday

## SUMMER VACATION OF THIRTEEN WEEKS

Sept. 15-20—Examinations for admission,	Fri., Sat., Mon., Tues., Wed.
Sept. 19-21—Registration of all classes, Tues., Wed., Thurs. morning	
Sept. 21— <b>Beginning of the College Year</b> .....	Thursday
Oct. 4—Meeting of the Board of Trustees.....	Wednesday
Oct. 5—Last day for registering for the Master's Degree, Thursday	
Oct. 10—Mountain Day, a holiday.....	Tuesday
Nov. 29-Dec. 1—Thanksgiving Recess..	Wed. noon to Friday, 1 P. M.
Dec. 20— <b>Christmas Recess begins</b> .....	Wednesday, 4:30

1912

Jan. 3—**Christmas Recess ends**..... Wednesday  
 Jan. 22-27—Registration for the second semester,  
    Monday through Saturday  
 Jan. 31—Recitations end ..... Wednesday  
 Feb. 1—Semi-annual examinations begin ..... Thursday  
 Feb. 10—First semester ends ..... Saturday

Feb. 11—Second semester begins .....	Sunday
Feb. 22—Washington's Birthday, a holiday .....	Thursday
Apr. 3— <b>Easter Recess begins</b> .....	Wednesday, 4:30
Apr. 10— <b>Easter Recess ends</b> .....	Wednesday
May 9—Meeting of the Board of Trustees.....	Thursday
May 20-25—Registration for the next semester,	Monday through Saturday
May 30—Memorial Day, a holiday .....	Thursday
June 8—Recitations end .....	Saturday
June 10-19—Semi-annual examinations, Monday through Wednesday	
June 17-22—Examinations for admission, Monday through Saturday	
June 22—Graves Prize Speaking .....	Saturday evening





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## PRESIDENTS

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REV. EBENEZER FITCH, D.D., 1793-1815  
REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821  
REV. EDWARD DORR GRIFFIN, D.D., 1821-1836  
REV. MARK HOPKINS, D.D., LL.D., 1836-1872  
HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881  
FRANKLIN CARTER, PH.D., LL.D., 1881-1901  
JOHN HASKELL HEWITT, LL.D., Acting President, 1901-1902  
REV. HENRY HOPKINS, D.D., LL.D., 1902-1908  
HARRY AUGUSTUS GARFIELD, LL.D., 1908-

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HARRY AUGUSTUS GARFIELD, LL.D.

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EUGENE DELANO, M.A., New York, N. Y.  
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PRESIDENT HENRY LEFAVOUR, PH.D., LL.D., Boston  
PROFESSOR BLISS PERRY, L.H.D., LITT.D., LL.D., Boston  
HON. HOWARD JASON ROGERS, LL.D., Albany, N. Y.  
CHARLES SUMNER HOLT, B.A., Chicago, Ill.  
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SOLOMON BULKLEY GRIFFIN, L.H.D., Springfield

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**FINANCE COMMITTEE**

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FRANCIS L. STETSON  
CLARK WILLIAMS

BENTLEY W. WARREN                      HENRY LEFAVOUR  
BLISS PERRY

CHARLES SUMNER HOLT  
CLARK WILLIAMS

## JAMES R. DUNBAR                      HOWARD J. ROGERS

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THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

## ALUMNI OFFICERS

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PRESIDENT—REV. JOHN S. ZELIE, D.D., Plainfield, N. J., Class of 1887

VICE PRESIDENT—J. ADDISON YOUNG, New York, N. Y., Class of 1888

SECRETARY AND TREASURER—WILLIAM C. HART, Williamstown, Class of 1894

NECROLOGIST—JOHN ADAMS LOWE, Williamstown, Class of 1906

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## ALUMNI VISITORS

---

### 1909-1912

REV. EDWARD DUDLEY TIBBITS, D.D., L.H.D., Hoosick, N. Y., Class of 1881

WILLIAM PRATT SIDLEY, Chicago, Ill., Class of 1889

### 1910-1913

RUDOLPH MATZ, Chicago, Ill., Class of 1882

EDWARDS HERRICK CHILDS, New York, N. Y., Class of 1891

### 1911-1914

SAMUEL DOUGLAS DODGE, Cleveland, Ohio, Class of 1877

LOUIS MORRIS STARR, New York, N. Y., Class of 1893

## OFFICERS OF INSTRUCTION\*

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\*Arranged in the order of appointment to rank.

† Absent on leave.

†† Absent on leave during the second semester.

WILLIAMS COLLEGE

11

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<i>Professor of Biology</i>	
THEODORE CLARKE SMITH, PH.D.	35 Grace Court
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<i>Edward Brust Professor of Geology and Mineralogy</i>	
WILLIAM EDWARD McELFRESH, PH.D.	40 Grace Court
<i>Thomas T. Read Professor of Physics</i>	
GEORGE EDWIN HOWES, PH.D.	College Place
<i>Garfield Professor of Ancient Languages</i>	
JAMES GRAHAM HARDY, PH.D.	15 Grace Court
<i>Associate Professor of Mathematics</i>	
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GARRETT DROPPERS, PH.D.	Fort Hoosac Place
<i>Orrin Sage Professor of Political Economy</i>	
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<i>Professor of English Literature</i>	
KARL EPHRAIM WESTON, M.A.	220 Main St.
<i>Professor of the Romance Languages</i>	
MONROE NICHOLS WETMORE, PH.D.	7 Southworth St.
<i>Associate Professor of Latin</i>	

---

*Jackson Professor of Christian Theology, and Pastor of the  
College Church*

---

*David A. Wells Professor of Political Science*

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*Lawrence Professor of the Greek Language and Literature*

JAMES PERCIVAL KING, PH.D.	25 Park St.
<i>Assistant Professor of German</i>	
DAVID TAGGART CLARK, M.A.	23 Southworth St.
<i>Assistant Professor of Economics</i>	
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<i>Assistant Professor of Philosophy</i>	

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WILLIAM HOWARD DOUGHTY, JR., LL.B. <i>Assistant Professor of Government</i>	Elscot
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CLYDE SHEPHERD ATCHISON, PH.D. <i>Instructor in Mathematics</i>	Argilla
ALBERT LOUIS CRU, Bachelier ès Lettres <i>Instructor in French</i>	228 Main St.
ROY KENNETH HACK, B.LITT. (OXON.) <i>Instructor in Latin</i>	T. C. L.
THEODORE BROWN HEWITT, M.A. <i>Instructor in German</i>	Witterstowe
LOUIS PERDRIAU, Licencié ès Lettres <i>Instructor in French</i>	9 Bulkley St.
ELMER ADNA HARRINGTON, M.A. <i>Instructor in Physics</i>	T. P. L.
GEORGE BURWELL DUTTON, PH.D. <i>Instructor in English</i>	Argilla
WALTER ALMERIAN HILDRETH, B.A. <i>Instructor in German</i>	37 Southworth St.
JOHN PIERREPONT RICE, PH.D. <i>Instructor in the Romance Languages</i>	37 Southworth St.



WILLIAMS COLLEGE

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ALFRED MITCHELL DAME, M.A.	37 Southworth St.
<i>Instructor in Latin</i>	
FRANCIS BROWN BARTON, Docteur de l'Université de Paris	31 Southworth St.
<i>Instructor in French</i>	
ARTHUR HOWLAND BUFFINTON, M.A.	Argilla
<i>Instructor in History</i>	
ROY STANLEY CORWIN, B.A.	T. B. L.
<i>Instructor in Geology</i>	
HARRY LESLIE AGARD, PH.D.	37 Glen St.
<i>Instructor in Mathematics</i>	
RICHARD ORCUTT BAILEY, B.A.	T. C. L.
<i>Assistant in Chemistry</i>	
FRANK PRENTICE RAND	70 South St.
<i>Assistant in the History Library</i>	
CHARLES FREDERICK SEELEY	College Place
<i>Director of the Gymnasium</i>	

## OFFICERS OF ADMINISTRATION

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HARRY AUGUSTUS GARFIELD, LL.D.

*President*

CARROLL LEWIS MAXCY, M.A.

*Chairman pro tempore of the Faculty*

FREDERICK CARLOS FERRY, PH.D., Sc.D.††

*Dean of the College*

WILLARD EVANS HOYT, M.A.

*Treasurer*

JOHN ADAMS LOWE, M.A.

*Librarian*

ELMER ALANSON GREEN, M.A.

*Recorder and Secretary of the Faculty*

WILLIAM COOK HART, B.A.

*Assistant to the Treasurer*

EDITH LUELLA WATSON, B.S.†

*Library Assistant, Loan Department*

HESTER PAIGE FISHER, B.S.

*Library Assistant, Reference Department*

EDITH MEDORA CHICHESTER, B.S.

*Library Assistant, Reference Department*

ABBIE FRANCIS GAMMONS, B.S.

*Library Assistant, Reference Department*

DAISIE LEONARD MILLER, B.S.

*Library Assistant, Reference Department*

HELEN MAY NETHERWOOD

*Stenographer*

EMMA LOUISE NETHERWOOD

*Stenographer*

† Absent on leave during the first semester.

†† Absent on leave during the second semester.

## FACULTY COMMITTEES

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The President of the College is *ex-officio* a member of all committees.

### COMMITTEE ON ADMINISTRATION

THE PRESIDENT, *Chairman*  
THE CHAIRMAN PRO TEMPORE OF THE FACULTY  
THE DEAN OF THE COLLEGE  
PROFESSOR MEARS  
PROFESSOR RUSSELL  
PROFESSOR MORTON  
PROFESSOR CLELAND

### ADVISORY COMMITTEE

THE PRESIDENT, *Chairman*  
DEAN FERRY  
PROFESSOR SMITH  
PROFESSOR McELFRESH  
PROFESSOR WETMORE  
ASSISTANT PROFESSOR KING

### LIBRARY COUNCIL

THE PRESIDENT, *Chairman*  
THE LIBRARIAN  
PROFESSOR CLARKE  
PROFESSOR GOODRICH  
ASSISTANT PROFESSOR REES

### COMMITTEE ON ADMISSIONS

DEAN FERRY, <i>Chairman</i>	PROFESSOR MAXCY
PROFESSOR GOODRICH	PROFESSOR HOWES
PROFESSOR WAHL	PROFESSOR WESTON
ASSISTANT PROFESSOR GALBRAITH	

## WILLIAMS COLLEGE

## COMMITTEE ON SCHOLARSHIPS

PROFESSOR KELLOGG, *Chairman*  
ASSISTANT PROFESSOR MEARS  
ASSISTANT PROFESSOR SHEPARD

## COMMITTEE ON CURRICULUM

PROFESSOR MAXCY, *Chairman*  
PROFESSOR MEARS  
PROFESSOR WAHL  
PROFESSOR SMITH  
PROFESSOR McELFRESH  
PROFESSOR HOWES  
PROFESSOR HARDY

## COMMITTEE ON PRIZES (including Clark Prize Scholarships)

PROFESSOR MORTON, *Chairman*  
PROFESSOR MILHAM  
ASSISTANT PROFESSOR DICKERMAN

## COMMITTEE ON GRADUATE STUDENTS

PROFESSOR MAXCY, *Chairman*  
PROFESSOR DROPPERS  
PROFESSOR WETMORE  
ASSISTANT PROFESSOR PRATT

## COMMITTEE ON ATHLETICS

(*Faculty members of the Athletic Council*)

PROFESSOR MAXCY, *Chairman*  
PROFESSOR PERRY  
ASSISTANT PROFESSOR DOUGHTY

## COMMITTEE ON THE HONOR SYSTEM

PROFESSOR CLARKE, *Chairman*  
PROFESSOR RUSSELL  
PROFESSOR WESTON  
ASSISTANT PROFESSOR CLARK

## WILLIAMS COLLEGE

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The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the

above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION. 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors

be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they

shall judge necessary or useful in order to promote the best interest of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the names of the said executors, or one of them,



and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town

and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School \* \* \* not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School \* \* \* peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees

of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of the President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of the President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, presi-

dent of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that

office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

WHEREAS, Doubts have arisen whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE:

Be it therefore enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to their final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

*Resolved*, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles

square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. \* \* \*

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received three-sixteenths parts, which amounted to \$30,000. In 1859 the State gave the College \$25,000 and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1884 the following act was passed:

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

In 1906 the legislature passed the following act:

An act to authorize The President and Trustees of Williams College to hold additional real and personal property.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso at the end of section four of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, as amended by chapter thirty-nine of the acts of the year eighteen hundred and eighty-three is hereby further amended by striking out the words "two hundred thousand," in the last line of the proviso, and inserting in place thereof the words:—one million,—so that the proviso will read as follows:—Provided, nevertheless, that the clear annual income of the same shall not exceed one million dollars.

SECTION 2. This act shall take effect upon its passage.

The principal college buildings with the dates of their erection are as follows: West College, 1790; East College, 1798, burned in 1841, rebuilt, 1842; Fayerweather Hall, 1905, formerly South College, 1842; Griffin Hall, 1828, moved and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall Library, 1846; Goodrich Hall, 1859, formerly the Alumni Hall Chapel, remodeled and converted into recitation and seminar rooms in 1905; College Hall, 1872; Edward Clark Hall, 1908, original structure erected in 1881; Field Memorial Observatory, 1882; Morgan Hall, 1882; Lasell Gymnasium, 1886; Library Extension, 1890; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904; Berkshire Hall, 1905; Currier Hall, 1908; Grace Hall, 1911; Williams Hall, 1911; New Infirmary, 1911.



## ADMISSION

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

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## REQUIREMENTS FOR ADMISSION

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An application for admission should be filed by every candidate not later than August 1st of the year in which he wishes to enter college. A blank for this purpose can be secured by addressing the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the principal under whom he was prepared for college. This must be submitted before the attendance on college exercises begins.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail in the pages following. Students admitted in any of the five admission groups are candidates for the degree of Bachelor of Arts.

### ADMISSION GROUP I

English *a* and *b*  
Greek *a*, *b*, *c*, and *g*  
History *a*  
Latin NR 1, NR 2, NR 4, and  
NR 5  
Mathematics *a* and *c*  
An Elective

### ADMISSION GROUP II

English *a* and *b*  
\*French *a* and *b*  
History *a*  
Latin NR 1, NR 2, NR 4, and  
NR 5  
Mathematics *a* and *c*  
An Elective

\* The passing of French *b* does not entitle to credit in French *a*. Both French *a* and French *b* must be passed. See footnote, p. 50.

## ADMISSION GROUP III

English *a* and *b*  
 \*German *a* and *b*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and  
 NR 5  
 Mathematics *a* and *c*  
 An Elective

## ADMISSION GROUP IV

English *a* and *b*  
 French *a*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and  
 NR 5  
 Mathematics *a*, *b*, *c*, *d*, and *f*  
 An Elective

## ADMISSION GROUP V

English *a* and *b*  
 German *a*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and NR 5  
 Mathematics *a*, *b*, *c*, *d*, and *f*  
 An Elective

The Elective required may be chosen by the candidate from the following list, it being understood that no subject specified as a requirement of a particular admission group (like French *a* and French *b* in Admission Group II) may serve as the Elective in that group.

## CLASS A

Botany  
 History *b*  
 History *c*  
 History *d*  
 Zoology

## CLASS B

Chemistry	German <i>b</i>
French <i>a</i>	Mathematics <i>b</i>
French <i>b</i>	Mathematics <i>d</i>
German <i>a</i>	Mathematics <i>f</i>
Physics	

The Electives of Class A may be presented by certificate or by examination; those of Class B may be presented by examination only.

The number of year-hours required for graduation is sixty-two, if the candidate offers an Elective of Class A; if he offers an Elective of Class B, the number of hours required for graduation is reduced by one for Mathematics *d* or

\* The passing of German *b* does not entitle to credit in German *a*. Both German *a* and German *b* must be passed. See footnote, p. 50.

Mathematics *f*; by two for Chemistry\*, Mathematics *b*, or Physics\*; and by three for French *a*, French *b*, German *a*, or German *b*. If a candidate offers two or more of the Electives of Class B (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (Cf. pages 55-59.)

The details of the requirements in each subject except Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English *a* and *b*; Greek includes Greek *a*, *b*, *c*, and *g*; and Latin includes Latin NR 1, NR 2, NR 4, and NR 5.

For the details of the requirements in Botany, Chemistry, and Zoölogy, see Anticipation of College Courses, p. 55, *Chemistry* 1 in the announcement of the department of Chemistry, p. 92, and also the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

#### DETAILS OF SUBJECTS

**ENGLISH** Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

#### ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words,

\* But no such college credit will be given for Chemistry or Physics after September, 1912, and these two subjects will stand in Class A instead of Class B after that time.

paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by the concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

#### LITERATURE

The second object is sought by means of two lists of books, headed respectively **READING** and **STUDY**, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

- a **READING.** The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

#### FOR STUDENTS ENTERING IN 1912

Shakespeare's *As You Like It* and *Julius Caesar*;  
Franklin's *Autobiography*; Goldsmith's *The Deserted Village*; Dickens's *A Tale of Two Cities*; George

Eliot's *Silas Marner*; Irving's *Sketch Book*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Macaulay's *Lays of Ancient Rome*.

#### FOR STUDENTS ENTERING AFTER 1912

After 1912 the books provided for reading are arranged in the following groups, from which at least ten units\* are to be selected, two from each group:

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespere's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Cæsar*

III. Defoe's *Robinson Crusoe, Part I*; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe* or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield* or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*

IV. Bunyan's *Pilgrim's Progress, Part I*; The *Sir Roger de Coverley Papers* in the *Spectator*; *Franklin's Autobiography* (condensed); Irving's *Sketch Book*, Macaulay's *Lord Clive* and *Warren Hastings*, Thackeray's *English Humorists*; *Selections* from Lincoln including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate;

\* Each unit is set off by semicolons.

Parkman's *Oregon Trail*; Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the address on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; Stevenson's *Inland Voyage* and *Travels with a Donkey*

V. Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold, Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*

- b STUDY This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

#### FOR STUDENTS ENTERING IN 1912

Shakespeare's *Macbeth*; either Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; either Burke's *Speech on Conciliation with America* or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

## FOR STUDENTS ENTERING AFTER 1912

Shakespeare's *Macbeth*; Milton's *L'Allegro, Il Penseroso*, and *Comus*; either Burke's *Speech on Conciliation with America*, or both Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*

NOTE:—The books for 1912 are selected from the list adopted by the Conference on Uniform Entrance Requirements in English, at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may make other selections from that list provided they give notice of their intention to present these books, on or before the first day of February preceding the examination.

## EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading*; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose from a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected. In grammar and rhetoric, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one

another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study*, from the candidate's other studies, and from his personal knowledge and experiences quite apart from reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

#### FRENCH

##### a Elementary French.

The Aim of the Instruction. At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of every-day life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be Done. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the



sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and the principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and the use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and the subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, La Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouvé and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mairêt's *La tâche du petit Pierre*, Mérimée's *Colomba*, extracts from Michelet, Sarcey's *Le siège de Paris*, and Verne's stories.

*b* The Intermediate Requirement.

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read

at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

The Work to be Done. This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; and writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le gendre de M. Poirier*, Béranger's poems, Corneille's *Le Cid* and *Horace*, Coppée's poems, Daudet's *La Belle Nivernaise*, La Brète's *Mon oncle et mon curé*, Madame de Sévigné's letters, Hugo's *Hernani* and *La chute*, Labiche's plays, Loti's *Pêcheur d'Islande*, Mignet's historical writings, Molière's *L'avare* and *Le bourgeois gentilhomme*, Racine's *Athalie*, *Andromaque*, and *Esther*, George Sand's plays and stories, Sandeau's *Mademoiselle de la Seiglière*, Scribe's plays, Thierry's *Récits des temps mérovingiens*, Thiers' *L'expédition de Bonaparte en Égypte*, Vigny's *La canne de jonc*, and Voltaire's historical writings.

## GERMAN

a

### The Elementary Requirement.

The Aim of the Instruction. At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

The Work to be Done. During the first year the work should comprise: (1) careful drill upon pro-

nunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German, easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*, Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stöckl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; and Zschokke's *Der zerbrochene Krug*.

## ADMISSION GROUP III

English *a* and *b*  
 \*German *a* and *b*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and  
 NR 5  
 Mathematics *a* and *c*  
 An Elective

## ADMISSION GROUP IV

English *a* and *b*  
 French *a*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and  
 NR 5  
 Mathematics *a, b, c, d,* and *f*  
 An Elective

## ADMISSION GROUP V

English *a* and *b*  
 German *a*  
 History *a*  
 Latin NR 1, NR 2, NR 4, and NR 5  
 Mathematics *a, b, c, d,* and *f*  
 An Elective

The Elective required may be chosen by the candidate from the following list, it being understood that no subject specified as a requirement of a particular admission group (like French *a* and French *b* in Admission Group II) may serve as the Elective in that group.

## CLASS A

Botany  
 History *b*  
 History *c*  
 History *d*  
 Zoölogy

## CLASS B

Chemistry	German <i>b</i>
French <i>a</i>	Mathematics <i>b</i>
French <i>b</i>	Mathematics <i>d</i>
German <i>a</i>	Mathematics <i>f</i>
Physics	

The Electives of Class A may be presented by certificate or by examination; those of Class B may be presented by examination only.

The number of year-hours required for graduation is sixty-two, if the candidate offers an Elective of Class A; if he offers an Elective of Class B, the number of hours required for graduation is reduced by one for Mathematics *d* or

\*The passing of German *b* does not entitle to credit in German *a*. Both German *a* and German *b* must be passed. See footnote, p. 50.

Mathematics *f*; by two for Chemistry\*, Mathematics *b*, or Physics\*; and by three for French *a*, French *b*, German *a*, or German *b*. If a candidate offers two or more of the Electives of Class B (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (*Cf.* pages 55-59.)

The details of the requirements in each subject except Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English *a* and *b*; Greek includes Greek *a*, *b*, *c*, and *g*; and Latin includes Latin NR 1, NR 2, NR 4, and NR 5.

For the details of the requirements in Botany, Chemistry, and Zoölogy, see Anticipation of College Courses, p. 55, *Chemistry* 1 in the announcement of the department of Chemistry, p. 92, and also the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

#### DETAILS OF SUBJECTS

**ENGLISH** Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

#### ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words,

\* But no such college credit will be given for Chemistry or Physics after September, 1912, and these two subjects will stand in Class A instead of Class B after that time.

Ancient History, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.

- b* Mediæval and Modern History, from the death of Charlemagne to the present time. As text-books, West's *Modern History* and Harding's *Essentials of Mediæval and Modern History* are recommended. Collateral reading and historical geography should form a part of the work in this subject.

The requirement for History *b*, as outlined by the College Entrance Examination Board, will be accepted.

- c* English History, as defined by the College Entrance Examination Board. Walker's *Essentials in English History*, Cheyney's *Short History of England*, and Andrew's *History of England*, are recommended.

- d* American History, as defined by the College Entrance Examination Board. Hart's *Essentials in American History*, Adams and Trent's *History of the United States*, Channing's *Students' History of the United States*, and McLaughlin's *History of the American Nations* are recommended.

## LATIN

### NEW REQUIREMENTS

The following requirements in Latin are in accordance with the recommendations made by the Commission on College Entrance Requirements in Latin, October, 1909.

#### I AMOUNT AND RANGE OF THE READING REQUIRED

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less *in amount* than Caesar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Aeneid, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute, and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid) and Ovid (Metamorphoses, Fasti, and Tristia).

## II SCOPE OF THE EXAMINATIONS

(1) *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. In vocabulary, constructions, and range of ideas, the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, Aeneid, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight: and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

## SUGGESTIONS CONCERNING PREPARATION

Exercises in translation at sight should begin in school with the first lessons in which Latin sentences of any length occur, and should continue throughout the course with sufficient frequency to insure correct methods of work on the part of the student. From the outset particular attention should be given to developing the ability to take in the meaning of each word—and so, gradually, of the whole sentence—just as it stands; the sentence should be read and understood in the order of the original with full appreciation of the force of each word as it comes, so far as this can be known or inferred from that which has preceded, and from the form and the position of the word itself. The habit of reading in this

way should be encouraged and cultivated as the best preparation for all the translating that the student has to do. No translation, however, should be a mechanical metaphor. Nor should it be a mere loose paraphrase. The full meaning of the passage to be translated, gathered in the way described above, should finally be expressed in clear and natural English.

A written examination cannot test the ear or tongue, but proper instruction in any language will necessarily include the training of both. The school work in Latin, therefore, should include much reading aloud, writing from dictation, and translation from the teacher's reading. Learning suitable passages by heart is also very useful, and should be more practised.

The work in composition should give the student a better understanding of the Latin he is reading at the time, if it is prose, and greater facility in reading. It is desirable, however, that there should be systematic and regular work in composition during the time in which poetry is read as well; for this work the prose authors already studied should be used as models.

#### SUBJECTS FOR EXAMINATION

NR 1. GRAMMAR. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

NR 2. ELEMENTARY COMPOSITION. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

NR 4. CICERO (orations for the Manilian Law and for Archias) and SIGHT TRANSLATION OF PROSE.

NR 5. VERGIL (Aeneid, I, II, and either IV or VI, at the option of the candidate), and SIGHT TRANSLATION OF POETRY.

#### MATHEMATICS

- a Elementary Algebra; Algebra to Quadratics and Beyond.



*a, i* Algebra to Quadratics.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

*a, ii* Quadratics and Beyond.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the  $n$ th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

*b* Advanced Algebra.

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical

methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

- c* Plane Geometry. The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

- d* Solid Geometry.

The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surfaces and solids.

- f* Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles and practical applications.

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Mathematics *b*, *d*, and *f* above together comprise the work of the college course, *Mathematics 1-2*.

## PHYSICS

A course of study dealing with the elementary facts and principles of physics and with the applications of physical laws to the experiences of everyday life. The course of instruction should include:

i The study of a standard text-book, or equivalent work by lectures; this study should be illustrated by qualitative lecture-room experiments and should be accompanied by practice in the solution of numerical problems.

ii Individual quantitative laboratory work by the pupil, consisting of at least 30 experiments well distributed through the various divisions of the subject, and similar in character to those found in the list suggested by the College Entrance Examination Board. This work should require at least 30 double periods of the school program.

It is expected that the course will occupy in lectures, recitations, and laboratory work, at least five hours per week for an entire year.

Each candidate must present his laboratory note-book at the time of and as part of the examination. This note-book must contain the pupil's own record of the various operations and results of the laboratory exercises and the book must bear the endorsement of his teacher, certifying that the notes are a true record of work actually performed by the pupil.

The Physics examination of the College Entrance Examination Board may be offered in place of the *written* examination in admission Physics offered at the college in September. In every case the laboratory note-book must be presented at the college, at or before the time of the September examination.

## ASSIGNMENT OF UNITS

In the terms of the scale of values adopted by the College Entrance Examination Board, where the unit represents one year's work in a secondary school, with four or five periods per week, the admission subjects listed above have weights assigned as follows:

## WILLIAMS COLLEGE

Botany	1 unit
Chemistry	1 "
English <i>a</i>	2 units
English <i>b</i>	1 unit
French <i>a</i>	2 units
French <i>b</i>	1 unit
German <i>a</i>	2 units
German <i>b</i>	1 unit
Greek <i>a</i>	1 "
Greek <i>b</i>	1 "
Greek <i>c</i>	1 "
History <i>a</i>	1 "
History <i>b</i>	1 "
History <i>c</i>	1 "
History <i>d</i>	1 "
Latin NR 1	1 "
Latin NR 2	1 "
Latin NR 4	1 "
Latin NR 5	1 "
Mathematics <i>a</i> , i	1 "
Mathematics <i>a</i> , ii	$\frac{1}{2}$ "
Mathematics <i>b</i>	$\frac{1}{2}$ "
Mathematics <i>c</i>	1 "
Mathematics <i>d</i>	$\frac{1}{2}$ "
Mathematics <i>f</i>	$\frac{1}{2}$ "
Physics	1 "
Zoölogy	1 "

## ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June the entrance examinations of the college are those of the College Entrance Examination Board, of which Williams College is a member. An application for the privilege of taking these examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained. These examinations are held annually in June

at a large number of widely distributed points, including Williamstown.

In June, 1912, the admission examinations of the College Entrance Examination Board will be held during the week, June 17-22.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 3, 1912; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 27, 1912; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 13, 1912.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1912, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers submitted will be accepted by the college on the same terms as the results of the examinations conducted by the college in September. Candidates for admission to Williams College should forward the results of their examinations, as soon

as they are received from the Board, to the Chairman of the Committee on Admissions, Williamstown, Mass.

The custom of sending examination papers from the college in June to preparatory schools for the use of candidates preferring to take the Williams College examinations there has been discontinued.

In September the entrance examinations are given only by the college and do not include the subjects, Botany and Zoölogy. They will be held for the next college year in rooms 6 and 10, Hopkins Hall, on the Friday, Saturday, Monday, Tuesday, and Wednesday before the beginning of the first semester, September 13-18, 1912, as follows:

**FRIDAY**

8 A.M.—\*French *a*

2 P.M.—\*German *a*

**SATURDAY**

8 A.M.—†French *b*

2 P.M.—†German *b*

**MONDAY**

8 A.M.—English *a* and *b*

10.30 A.M.—History *a*

2 P.M.—Greek *a*, *b*, *c*, and *g*

**TUESDAY**

8 A.M.—Latin NR 1, NR 2, NR 4, and NR 5

2 P.M.—Mathematics *a*, *b*, *c*, *d*, and *f*

**WEDNESDAY**

8 A.M.—Chemistry, History *b*, History *c*, History *d*

2 P.M.—Physics

Examinations in Botany and Zoölogy are offered in June only.

The passing mark is fifty in all final entrance examinations, and sixty or seventy-five, as explained below, in preliminary examinations.

\* The examination at the College in September includes an oral test on pronunciation.

† Candidates for admission are required to gain credit in French *a* or German *a* before trying French *b* or German *b* respectively in September.—See footnote, pp. 29-30.

Certificates showing that candidates have passed the entrance examinations of another college or university in subjects required for admission to Williams College will ordinarily be accepted as valid, for the subjects which they cover, on the same terms and conditions as the results of the regular Williams College admission examinations. But the examinations of the September in which the candidate seeks admission may not be taken elsewhere than at Williams College.

#### PRELIMINARY EXAMINATIONS

Preliminary examinations in any of the requirements for admission may be taken a year in advance; but, in accordance with the rules of the College Entrance Examination Board, the candidates for such examinations in June must submit in advance, from the principals of their schools, certificates specifying that their teachers consider them prepared in the subjects selected; while candidates for preliminary examinations in September must submit also satisfactory evidence that they have made a thorough review during the summer. Blank forms for use in submitting evidence of fitness for preliminary examinations in September may be obtained from the Chairman of the Committee on Admissions. Such a form, properly filled out, should be submitted by every candidate not later than one week before the beginning of the September examinations.

The examination will cover the whole of each subject offered by the candidate; for example, Greek *b*, Latin NR 4, or Mathematics *c* cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in college, candidates are expected to reserve the following subjects for the final examinations: English *b*, Greek *c*, Latin NR 4 or NR 5, and Mathematics *a*, *ii* or *c* (or Mathematics *b*, *d*, and *f*, if the admission

group is IV or V). The mark required for gaining preliminary credit in these subjects is seventy-five; the passing mark for preliminary credit in all other admission subjects is sixty.

Credit for the preliminary examination will be valid for a year only, unless the examination has been passed in a specially creditable manner; and all credit may be refused unless the applicant pass in a substantial part of the subjects offered.

The times and places of the preliminary examinations, as well as the questions submitted, are the same as for the regular final examinations.

#### ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates made out on prescribed forms and signed by the principals of preparatory schools are accepted in place of examinations in Botany, English, Greek, History, Latin, Mathematics *a*, Mathematics *c*, and Zoölogy. Certificates will in no case be accepted for Chemistry,\* French *a* or *b*, German *a* or *b*, Mathematics *b*, *d*, or *f*, or Physics,\* or for the anticipation of any course of study offered in college.

No certificate in Mathematics *a* will be accepted unless accompanied by a statement that at least fifty regular recitation exercises have been devoted to a review of Mathematics *a* or to Mathematics *b* or Mathematics *f* during the last preparatory school year.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the regulations of the college and subject to the rules of the Board, for admission to Williams College. Certificates are not accepted from any schools in New England which lack the approval of that Board. Principals of schools in New England who desire the certificate

\* Certificates will be accepted in Chemistry and Physics after September, 1912.



privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, LL.D., 159 Brown St., Providence, R. I. Applications for approval must be received by the Secretary before April 1st in order to be approved for the next college year.

Application for the certificate privilege for schools outside New England should be made by the principal on a blank provided for the purpose by the Chairman of the Committee on Admissions.

These applications will ordinarily be granted if the school has at least one candidate already nearly prepared for admission to Williams College and if the Faculty of the college has such information concerning the work of the school as seems to it to warrant. In general, a school which has recently sent properly trained students by examination is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the efficiency of the school; but any school will be dropped from the approved list whenever for a period of five years it has sent no students to the college.

The certificate privilege is not granted to private tutors and it is not to be used for any work done with private tutors, but only for work done regularly in the school whose principal signs the certificate.

The certificate privilege is revocable in all cases where, in the opinion of the Faculty of the college, it is not properly exercised.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the certificate covers less than two-thirds of the total of the certificate subjects in the admission group in which the candidate proposes to enter, the certificate will not be

accepted. If the time devoted to a given subject seems inadequate, the certificate may be rejected for the subject in which such deficiency appears, though it may remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

A student who has failed to pass the admission examinations in September at this or any other college will not be admitted by certificate unless he has had, since such failure, at least a year of study in the school whose principal issues the certificate.

Freshmen who have entered by certificate and have subsequently been dismissed for failure in their studies may re-enter with the next class only on passing the admission examinations. Certificates will not be accepted in such cases. Students thus dismissed may be excused from examination in certain subjects for re-admission, if, in the judgment of the Committee on Admissions, their records warrant such exemption.

When a year or more has passed between the completion of the work for which the certificate vouches and the time for the student to enter college, satisfactory evidence that he has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school (or some one duly qualified to act in his stead) and are to be sent to the Chairman of the Committee on Admissions before July 15th, so far as is practicable, but not in advance of the actual completion of the work for which they vouch. All certificates should be submitted at least as early as the first of September.

Blank certificates will be sent to the principal of any approved school on request, but they are not sent to other persons.

The credits gained at the examinations of the Board of Regents of the State of New York are accepted for admis-

sion purposes on the same terms as the certificates of approved schools. For admission later than September, 1912, the Regents credits will be accepted only when the examination mark is as high as seventy-five.

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

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#### ANTICIPATION OF COLLEGE COURSES

##### I *Subjects in the Admission Groups*

Any college course included in the admission groups of pages 29 and 30 of this catalogue, and the courses announced as \**Chemistry 1* and \**Physics 1* will be counted towards a degree, if offered in addition to the subjects required in the chosen admission group. The examinations in such additional subjects are the regular examinations for admission and are to be taken at the appointed times in June and September. Students will not be required after entrance to substitute other courses in place of those anticipated, provided only that the number of hours of classroom work per week is never less than twelve.

In Chemistry such a laboratory note-book as is described in the announcements of the College Entrance Examination Board is demanded by the college as evidence of the candidate's qualification for the admission examination in that subject.

The college courses which may be anticipated thus by passing the corresponding admission examination in June or September are the following:—†*Chemistry 1*, *French 1-2*, *French 3-4*, *German 1-2*, *German 3-4*, *Mathematics 1-2*, and †*Physics 1*.

\* This will not apply to Chemistry 1 and Physics 1 after September, 1912.

† Chemistry 1 and Physics 1 may not be so anticipated after September, 1912.

## II *Subjects not in the Admission Groups*

Any student may be allowed, by special vote of the Faculty, to anticipate by examination a course of study not included among those mentioned in the above paragraph, if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations, a grade as high as B is required.

### GRADUATION IN THREE YEARS

A student who is able to anticipate at admission, in accordance with the above rules, two college courses, may, by taking nineteen hours for two years, and eighteen hours for the third year, complete the requirement for graduation in three years; but the Faculty will decline to permit a student to undertake this unless his general scholarship is of high character.

### ADMISSION TO ADVANCED STANDING

Students who come from other colleges and who bring certificates of honorable dismissal may, on proof of their qualifications, be admitted to a corresponding standing in this college.

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*All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.*

# CURRICULUM

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## GENERAL DESCRIPTION

The curriculum of Williams College provides, in the first place, for the continuation of the principal subjects offered at entrance by prescribing in the Freshman year the study of English, Latin, Mathematics and two of the three languages Greek, French, and German according to the Admission Group in which the student enters. In the second place, by organizing the courses of the last three years in eleven Major Groups arranged in three Divisions, the curriculum secures the concentration of part of the student's work in one well defined field and the distribution of another part among different subjects. Each Major Group consists of a Sophomore introductory course, three prescribed courses in Junior year and two advanced year-courses in the Senior year. The rest of the student's work is elective, subject to the requirement that in Sophomore year he shall take at least one course in each Division, and, after Sophomore year, at least one year-course from each of the two Divisions in which his Major Group is not placed. The Exhibit of Divisions and Major Groups is given on pages 62-63. All elections are governed by the prerequisites published on pages 65-100.

## FRESHMAN YEAR

In the Freshman year each student must take a course in Latin, English, and Mathematics. For those who enter in Admission Group 1, a year of Greek and at least a year of either French or German is required; for all others, at

least a year of French and one of German. If elementary French or German is not offered at entrance in addition to the requirements of the Admission Group, it must be taken in the Freshman year.

### **SOPHOMORE YEAR**

The student must take four courses, at least one in each Division, from among those open to Sophomores. One of these shall serve as the introductory course of the Major Group which is to be selected at the end of the Sophomore year. If a student has been obliged to begin French or German in Freshman year, he must continue it in Sophomore year in order to satisfy the modern language requirements. Such a course shall be considered, however, as fulfilling the requirement of one of the four Sophomore courses.

### **JUNIOR YEAR**

Each student must take the three courses of the Major Group that he has selected. He must also elect two other courses. Either in this year or the next, one course at least must be taken in each of the two Divisions other than that in which the Major Group is placed.

### **SENIOR YEAR**

Each student must complete his Major Group by taking two year-courses or their equivalent in semester-courses from among those comprised in the Group. He must also elect at least two other year-courses or their equivalent, completing, if he has not already done so, the requirement of one course after Sophomore year in each of the two Divisions other than that in which the Major Group is placed.

### GRADES

The grade system of marking used is defined as follows:

There shall be five grades, indicated thus: A, "excellent"; B, "good"; C, "fair"; D, "passable"; E, "failure."

The interpretation of the several grade names, "excellent," "good," "failure," etc., rests wholly with the judgment of the individual instructor.

### COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester, other than the last before graduation, when the student has obtained a grade as high as D in the daily work (which shall include all oral and written exercises prior to the semi-annual examination), and a grade as high as D in the semi-annual examination; a course will be considered completed for the last semester before graduation when a grade as high as D has been obtained by combining the grades of the daily work and the final examination in that course. A student failing to obtain a grade as high as D in the daily work must repeat the course the succeeding year or take, in the case of an elective, an equivalent course. A student failing to obtain a grade as high as D in the semi-annual examination will be allowed a further opportunity to pass that examination; if unsuccessful in this, he will be required to repeat the course the succeeding year or take, in the case of an elective, an equivalent course.

### GRADUATION

The number of semester-hours required for graduation is 124 (62 year-hours); but every student, in order to be graduated, must have attained a grade above D in at least one-half the number of hours required for graduation; and all courses regularly taken in the Senior year must

be passed, even though they may not be necessary for completing the number of hours indicated above.

#### BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred by vote of the Trustees at the annual Commencement upon students who have completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (see pp. 57-59), have paid to the Treasurer all college dues and other college charges, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.



# EXHIBIT OF FRESHMAN STUDIES

The following exhibit of studies indicates the courses of instruction that are offered to Freshmen. The studies in of the Freshman year are prescribed, except that there is an option between French and German for students in Admission Group I.

The amounts of French and German which students entering by the various admission groups must have completed before graduation are as follows: Admission Group I, French 1-2 and 3-4 or German 1-2 and 3-4; Admission Group II, French 1-2, 3-4, and 5-6 and German 1-2 and 3-4; Admission Group III, French 1-2 and 3-4 and German 1-2, 3-4, and 5-6; Admission Groups IV and V, French 1-2 and 3-4 and German 1-2 and 3-4.

The admission groups are arranged according to the different terms of admission stated on pp. 29, 30. The unenclosed figures refer to the courses of instruction as announced by the departments in the catalogue and the figures in parenthesis indicate the number of exercises per week in each course.

## FRESHMAN YEAR—REQUIRED COURSES

ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP
I	II	III	IV	V
English 1-2 (2)	English 1-2 (2)	English 1-2 (2)	English 1-2 (2)	English 1-2 (2)
French 1-2 or (4)	French 5-6 (4)	French 1-2 (3)	French 3-4 (3)	French 1-2 (3)
German 1-2 (3)	German 1-2 (3)	German 5-6 (4)	German 1-2 (3)	German 3-4 (3)
Greek 1-2 (4)	Latin 1-2 (3)	Latin 1-2 (3)	Latin 1-2 (3)	Latin 1-2 (3)
Latin 1-2 (3)	Mathematics 1-2 (4)	Mathematics 1-2 (4)	Mathematics 3-4 (4)	Mathematics 3-4 (4)
Mathematics 1-2 (4)	16	16	15	15
Hygiene and Physical Training (4)	Hygiene and Physical Training (4)	Hygiene and Physical Training (4)	Hygiene and Physical Training (4)	Hygiene and Physical Training (4)
Public Speaking (4)	Public Speaking (4)	Public Speaking (4)	Public Speaking (4)	Public Speaking (4)

NOTE.—Freshmen in Group I who offer French *a* or German *a* at entrance will take French 3-4 or German 3-4 respectively instead of French 1-2 or German 1-2. Similarly, those in Groups II and IV who offer German *a* at entrance will take German 3-4 instead of German 1-2; and those in Groups III and V who offer French *a* at entrance will take French 3-4 instead of French 1-2.

## EXHIBIT OF DIVISIONS AND GROUPS

Odd numbers refer to the first semester, even numbers to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	{ Greek 1-2	Greek 3-4	a. Greek 5-6 b. Latin 3-4 c. Greek 11-12 History 12	Greek 7 Greek 8 Greek 9 Greek 10 Latin 5-6 Latin 7 Latin 8
	LATIN	{ Latin 1-2	Latin 3-4	a. Latin 5-6 b. Greek 3-4 (German* for non-Greek men) c. Greek 11-12 History 12	Greek 5 Greek 6 Greek 7 Greek 8 Greek 9 Greek 10 Latin 7 Latin 8
	FRENCH	{ French*	French*	a. French* b. German* c. History 5-6	French* German* Italian 1-2 Spanish 1-2
	GERMAN	{ German*	German*	a. German* b. French* c. History 5-6	German* French* Italian 1-2 Spanish 1-2

\* The modern language courses of Freshman year in the French and German groups will be determined by the admission record of the student. The modern language courses after Freshman year will follow in sequence. See announcements of the departments of German and Romance Languages.

ENGLISH	English 1-2	English 3-4	English 5-6 English 7-8 c. History 9-10	English 9 English 10 English 11 English 12	English 13-14 English 15 English 16 English 17
HISTORY	History 1-2		a. History 3-4 b. Economics 1-2 c. Government 1-2	History 5 History 6 History 7 History 8 History 9-10 Greek 11- History 12	Economics 3 Economics 4 Economics 5 Economics 6 Government 3 Government 4 Government 5 Government 6
PHILOSOPHY	English 3 or History 1	Philosophy 2	a. Philosophy 3-4 b. Philosophy 5-6 c. Religion 1-2	Philosophy 7 Philosophy 8 Philosophy 9	Religion 3-4 Religion 5
SPECIAL SUBJECTS NOT PART OF MAJOR GROUPS	ART ORATORY	History 1-2 English 3-4	Art 1-2 Oratory 1-2	Art 3	Art 4
MATHEMATICS	Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Physics 1-2 c. Astronomy 1-2	Mathematics 7 Mathematics 8 Mathematics 9 Mathematics 10 Physics 3-4	Physics 5-6 Physics 7 Physics 8 Astronomy 3 Astronomy 4
PHYSICS	Physics 1-2		a. Physics 3-4 b. Mathematics 3-4 c. Chemistry 1-2	Physics 5-6 Physics 7 Physics 8 Mathematics 5-6	Mathematics 7 Mathematics 8 Chemistry 3-4 Chemistry 5 Chemistry 6
CHEMISTRY	Chemistry 1-Chemistry 2		a. Chemistry 3-4 b. Physics 1-2 c. Geology 1-2	Chemistry 5 Chemistry 6 Physics 3-4	Geology 3 Geology 4
BIOLOGY	Chemistry 1-Biology 2		a. Biology 3-4 b. Biology 5-6 c. Geology 1-2	Biology 7-8 Physiology 1 Physiology 2	Geology 3 Geology 4

## GROUPS OF HOURS

## ARRANGED ACCORDING TO TIME:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	g	D,d	D,d	A,a	g	A,a
9:00	h	E,e	E,e	B,b	h	B,b
10:00	i	F,f	F,f	C,c	i	C,c
11:00	j	k	j	k	j	k
1:00	A,a	A	g	D	D,d	
2:00	B,b	B	h	E	E,e	
3:00	C,c	C	i	F	F,f	

## ARRANGED ACCORDING TO LETTERS:

Group A	M. Tu. 1:00-2:00, Th. S. 8:00-9:00	Group d	Tu. W. 8:00-9:00, F. 1:00-2:00
Group B	M. Tu. 2:00-3:00, Th. S. 9:00-10:00	Group e	Tu. W. 9:00-10:00, F. 2:00-3:00
Group C	M. Tu. 3:00-4:00, Th. S. 10:00-11:00	Group f	Tu. W. 10:00-11:00, F. 3:00-4:00
Group D	Tu. W. 8:00-9:00, Th. F. 1:00-2:00	Group g	M. F. 8:00-9:00, W. 1:00-2:00
Group E	Tu. W. 9:00-10:00, Th. F. 2:00-3:00	Group h	M. F. 9:00-10:00, W. 2:00-3:00
Group F	Tu. W. 10:00-11:00, Th. F. 3:00-4:00	Group i	M. F. 10:00-11:00, W. 3:00-4:00
Group a	M. 1:00-2:00, Th. S. 8:00-9:00	Group j	M. W. F. 11:00-12:00
Group b	M. 2:00-3:00, Th. S. 9:00-10:00	Group k	Tu. Th. S. 11:00-12:00
Group c	M. 3:00-4:00, Th. S. 10:00-11:00		

The groups of no two small letters conflict, and the groups of no two large letters conflict.

Group a conflicts with group A, group b conflicts with group B, etc.

NOTE:—Between the Thanksgiving recess and the Easter recess, the exercises will be regularly one-half hour later than the above schedule indicates.

# COURSES OF INSTRUCTION

## LANGUAGES

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### ENGLISH

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Professor MAXCY, Professor PERRY, Assistant Professor REES,  
Mr. ALLEN, and Dr. DUTTON.

\***ENGLISH 1-2. *Rhetoric and Composition.*** The work of the year is devoted mainly to the essentials of Good Use. The text-book (Murison's *English Composition*) is supplemented by theme writing on assigned topics, and all written exercises receive extended criticism. A considerable amount of outside reading is also required as the basis of written work in class. During the year the class reads the greater part of Macaulay's essays.

Freshman required course.

Two hours a week through the year.

Professor MAXCY, Mr. ALLEN, and Dr. DUTTON.

**ENGLISH 3-4. *Narration and English Literature.***

**English 3. *Narration.*** This course is devoted to narrative writing. The elements of narration are discussed in turn: setting, character, plot, etc., and the various forms of narrative composition, paragraph items, the short story, biography, history, etc. In connection with these topics the class studies a number of literary masterpieces. During the past year Prescott's *Conquest of Peru*, the *Biography of Alice Freeman Palmer*, Hardy's *Far from the Madding Crowd*, and about fifty specimens of the short story were among the selections assigned. The class is also required to present original exercises in narrative composition: at least two short stories of the length usually found in magazines, and many briefer exercises such as character sketches, biographic summaries, studies in setting, character, etc.

The first semester.

Professor MAXCY, Assistant Professor REES,  
Mr. ALLEN, and Dr. DUTTON.

\* For convenience, the first semester of *English 1-2* may be called *English 1*, the second semester, *English 2*, etc. But, in all such cases, the work of the two semesters together constitutes an integral, indivisible year course.

ENGLISH 3-PHILOSOPHY 2. *English 3* and *Philosophy 2* may be taken together as constituting a year-course. See *Philosophy 2*.

*English 4. English Literature.* This course is two-fold, embracing not only an historical survey of English literature from the earliest times to the present day, but also a wide range of outside readings so arranged as to accompany the text-book and lectures. Examinations are held on each assignment. In addition to the assigned readings, the course embraces the presentation to the class of a wide selection of classic prose and poetic masterpieces. The work is arranged with a view to laying a broad foundation for the English electives taken up later.

The text-book work conforms in general to the matter contained in Moody and Lovett's *History of English Literature*.

The second semester.

Assistant Professor REES, Mr. ALLEN, and Dr. DUTTON.

Sophomore elective course; prerequisite, *English 1-2*.

Four hours a week through the year.

ENGLISH 5-6. *Argumentation and Criticism.*

*English 5. Argumentation.* This course is devoted to the study of argumentative composition; its purpose is to train the student in logical and systematic methods of thought.

The main divisions of the course are: (a) correct phrasing of propositions suitable for discussion; (b) the analysis of propositions; (c) the study of evidence; (d) inductive and deductive methods; (e) generalization and analysis; (f) causal relations; (g) fallacies; (h) methods of refutation; (i) construction of briefs; (j) rhetorical qualities of the forensic; (k) persuasion.

In connection with the study of argumentative theory, each student is trained in the practice of argumentative composition by the writing of briefs, forensics, and various argumentative themes and exercises. As in *English 1-2*, the work of each student is subjected to extended criticism.

The text-book is Denney, Duncan, and McKinney's *Argumentation and Debate*, and this is supplemented by various texts of argumentative masterpieces.

The first semester.

Professor MAXCY.

*English 6. Criticism.* This course is devoted to the study of critical composition. It includes in general the matter discussed

in Winchester's *Principles of Literary Criticism*. The discussions are supplemented by extensive readings in the literature of criticism and by essays on critical topics chosen in connection with the readings.

The second semester.

Mr. ALLEN.

Junior elective course; prerequisite, *English 3-4*.

Three hours a week through the year.

ENGLISH 7-8 *American Literature and 19th Century English Prose.*

*English 7. American Literature.* A study of American literature, both prose and poetry. The first part of the course consists of lectures on the early colonial writers. Wendell and Greenough's *American Literature* is used as a text-book and a considerable amount of outside reading is required.

The first semester.

Professor PERRY.

*English 8. English Prose Writers of the Nineteenth Century.*

A course in which the principal prose writers of this period are studied. A considerable amount of reading is assigned.

The second semester.

Assistant Professor REES.

Junior elective course; prerequisite, *English 3-4*.

Three hours a week through the year.

ENGLISH 9. *English Literature of the Eighteenth Century.* Lectures will be given on the progress and interpretation of English literature during the period. Readings and critical essays are required.

Senior elective course; prerequisite, *English 5-6 or 7-8*.

Three hours a week during the first semester.

Assistant Professor REES.

ENGLISH 10. *English Poets of the Nineteenth Century.* This course consists of lectures, biographical and critical, together with assigned readings. It includes a study of Wordsworth, Coleridge, Byron, Shelley, Keats, Browning, Tennyson, and other poets of the period.

Senior elective course; prerequisite, *English 5-6 or 7-8*.

Three hours a week during the second semester.

Professor PERRY.

[ENGLISH 11. *Anglo-Saxon*. This course is an elementary study of Anglo-Saxon, accompanied by lectures on the principles involved in the development of the English language. Smith's *Old English Grammar* and Bright's *Anglo-Saxon Reader* are used as text-books.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week during the first semester.

Omitted 1911-1912.

Assistant Professor REES.]

ENGLISH 12. *Chaucer and Middle English*. A brief consideration of Middle English Grammar is followed by the careful reading of all of Chaucer's important writings, particularly the *Canterbury Tales* and *Troilus and Criseyde*. Attention is given to the life and times of Chaucer. Selections from a few other fourteenth century authors are read rapidly.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week during the second semester.

Assistant Professor REES.

ENGLISH 13-14. *The Elizabethan Drama*. This course deals with the English drama from the Miracle Plays to the closing of the theatres. A critical and appreciative study of Shakespeare's plays with particular emphasis upon Shakespeare as a dramatic artist. *Shakespeare and his Predecessors* by Boas is used as a general text-book.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week through the year.

Professor PERRY.

ENGLISH 15. *The English Drama from 1642 to the present time*. Preliminary lectures are given upon the structure of the drama. The course includes the reading of representative plays from Congreve to Jones and Pinero.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week during the first semester.

Professor PERRY.

ENGLISH 16. *The History and Development of the English Novel*.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week during the second semester.

Professor MAXCY.



ENGLISH 17. *The English Bible*. In this course the growth, the literary characteristics, and the influence of the *English Bible* are considered.

Senior elective course; prerequisite, *English* 5-6 or 7-8.

Three hours a week during the first semester.

Assistant Professor REES.

## GERMAN

Professor WAHL, Assistant Professor KING, Dr. JOHNSON, Mr. HEWITT, and Mr. HILDRETH.

GERMAN 1-2. *Elementary German*. This is a course in grammar, composition, and the reading of narrative prose and some lyrics. Oral use of the language is introduced gradually, and special attention is paid to pronunciation in the small sections into which the class is divided.

The course is optional with *French* 1-2 for Freshmen in Admission Group I who enter without a modern language, is required of students in Admission Groups II and IV who do not offer *German* a for entrance, and is elective for all others.

Three hours a week through the year.

Assistant Professor KING, Dr. JOHNSON,

Mr. HEWITT, and Mr. HILDRETH.

GERMAN 3-4. *Intermediate German*. In this course are read short stories, Schiller's *Wilhelm Tell*, and Goethe's *Hermann und Dorothea*. The course includes also grammar, composition, and dictation. The oral use of the language is increased in connection with the texts read.

This course is optional with *French* 3-4 for students in Admission Group I, is required of students in Admission Groups II, IV, and V, and is elective for all others; prerequisite, *German* 1-2.

Three hours a week through the year.

Assistant Professor KING, Dr. JOHNSON,

Mr. HEWITT, and Mr. HILDRETH.

GERMAN 5-6. *Advanced German*. Divisions I, II, and III of this course are devoted to the study of the more recent German prose literature, especially the novel. Works of Storm, Keller, C. F. Meyer, Sudermann, and others are taken up. It includes compo-

sition, dictation, and lectures in German. The course is conducted as far as practicable in German.

Prerequisite, *German* 3-4.

Four hours a week through the year.

Professor WAHL and Dr. JOHNSON.

Divisions IV, V, and VI are devoted to the reading of Schiller and Lessing. The work is conducted as far as practicable in German and includes composition, dictation, and lectures.

For Freshmen who entered with *German b* to their credit.

Four hours a week through the year.

Professor WAHL, Mr. HEWITT, and Mr. HILDRETH.

GERMAN 7-8. *Nineteenth Century Literature*. This course is a study of the various literary movements of the nineteenth century. The works of representative writers, both dramas and novels, are read and discussed. The course is conducted almost entirely in German and includes also composition, collateral reading, and lectures.

Prerequisite, *German* 5-6.

Four hours a week through the year.

Assistant Professor KING.

GERMAN 9-10. *Goethe*. This course is devoted to the reading of Goethe's *Faust* (Parts I and II) and other works of the poet, together with a study of his life and times. It is conducted in German, including lectures in German.

Prerequisite, *German* 7-8; or *German* 5-6 for students who begin German in college and major in French.

Three hours a week through the year.

Professor WAHL.

GERMAN 11-12. *Selected Reading*. In this course novels from Freytag's series of novels, *Die Ahnen*, Kleist's *Michael Kohlhaas*, selections from Freytag's *Bilder aus der deutschen Vergangenheit*, and other literature illustrative of German life in the modern period of German history are read, and lectures in German are given dealing with German civilization in modern times. The course is conducted in German.

Prerequisite, *German* 9-10.

Three hours a week through the year.

Professor WAHL.

**GREEK**

Professor HOWES, Assistant Professor DICKERMAN, Assistant Professor GALBRAITH, Mr. HACK, and Assistant Professor CLARK.

**GREEK 1-2.** Selections from *Herodotus*. Attention is given to a review of Greek forms and syntax, with reference to Goodwin's *Greek Grammar*.

*Lysias*. Special attention is given to the political and social allusions which abound in the orations of Lysias.

*Homer*. Books V, VI, VII, and VIII of the *Odyssey*. Some of the principal Homeric questions are discussed. The instructor gives to the class several readings from portions of the poem not prescribed for the daily work.

Required course for Freshmen in Admission Group I.

Four hours a week through the year.

Professor HOWES, Assistant Professor DICKERMAN,  
Assistant Professor GALBRAITH, and Mr. HACK.

**GREEK 3-4.** *Plato, Xenophon, Drama, and Greek Testament*.

*Plato and Xenophon*. Plato's *Apology* and *Crito* and selections from Xenophon's *Memorabilia* are read by the class. There is some discussion of the earlier Greek philosophy and of the philosophy of Plato.

*Greek Drama*. *Aristophanes, Aeschylus, Sophocles, and Euripides*.

The first part of the work in the drama is devoted to Greek comedy and the reading of the *Clouds* of Aristophanes, together with selections from the *Birds* and the *Frogs*. Later the *Medea* and the *Cyclops* of Euripides and the *Antigone* of Sophocles are read by the class, chiefly from the literary point of view. Attention is given to the influence of the Greek drama on later literature and to comparisons with the modern stage.

*New Testament Greek*. The last weeks of the course are devoted to the reading of the gospel of *Luke* and parts of the other gospels.

The first semester

Mr. HACK.

The second semester

Assistant Professor DICKERMAN and Mr. HACK.

Sophomore elective course; prerequisite, *Greek 1-2*.

Four hours a week through the year.

GREEK 5-6. *Demosthenes, Homer, and Lyric Poetry.*

*Greek 5. Demosthenes.* It is planned to read the following orations of Demosthenes:—*Philippics*, I, II, III, *On the Peace*, *On the Chersonese*, and as much of the oration *On the Crown* as circumstances permit. The literary and historical aspects of the orations are studied with some care.

The first semester.

Assistant Professor GALBRAITH.

*Greek 6. Homer and the Lyric Poets.* Considerable portions of the *Iliad* are read, the aim being to gain an acquaintance with the poem as a whole. The development of Greek poetry up to the fifth century is traced in a study of the more important *lyric fragments*.

The second semester.

Assistant Professor DICKERMAN.

Junior elective course; prerequisite, *Greek 3-4*.

Three hours a week through the year.

*Greek 7. Thucydides and Plato.* The account of the Sicilian expedition in Books VI and VII of Thucydides is read, together with some other portions of his history. The *Gorgias* and some of the minor dialogues of Plato are read.

Senior elective course; prerequisite, *Greek 5-6*.

Three hours a week during the first semester.

Assistant Professor DICKERMAN.

*Greek 8. Aeschylus and Sophocles.* The *Prometheus* of Aeschylus and the *Oedipus Rex* of Sophocles are read in class, together with portions of other plays of Aeschylus and Sophocles.

*Theocritus.* The course ends with the reading of the best of the *Idyls* of Theocritus.

Senior elective course; prerequisite, *Greek 5-6*.

Three hours a week during the second semester.

Professor HOWES and Assistant Professor GALBRAITH.

*Greek 9. Greek Literature.* Some of the masterpieces of Greek literature are read, in translation, both in the classroom and as assigned reading. The instructor gives a brief account of the lives of the authors whose works are read, and traces the origin and development of the various forms of literature. No knowledge of Greek is required.

Senior elective course; prerequisite, *Greek 3-4* or *Latin 5-6*.

Three hours a week during the first semester.

Professor HOWES.

**GREEK 10.** *Life of the Ancient Greeks.* Described and illustrated by the aid of literature and of the monuments. Informal lectures are given by the instructor, while members of the course report regularly the results of reading and investigation assigned to them. No knowledge of Greek is required.

Senior elective course; prerequisite, *Greek 3-4* or *Latin 5-6*.

Three hours a week during the second semester.

Professor HOWES.

**GREEK 11—HISTORY 12.**

*Greek 11. Greek History.* The social, political, and military history of the Greek world, from the origins of the cities to the Roman conquest; a study of Greek democracies, especially at Athens, Syracuse, and Tarentum, of Alexander, and of the Hellenistic kingdoms; the federal unions; and the republic of Rhodes. Attention is given to the social and political theory of the Greeks.

Reading, lectures, quizzes, and written work.

The required reading in this course is in English only, but consultation of the Greek sources is encouraged.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation, but the course aims primarily to trace for the general student the progress of Hellenic civilization with emphasis upon its abiding influences on later times.

Senior elective course; prerequisite, *History 3-4*; or *Greek 3-4* or *Latin 3-4* for students majoring in Greek or Latin.

Three hours a week during the first semester.

For the corresponding semester of Roman History, see *History 12*.

Assistant Professor CLARK.

## LATIN

Professor HOWES, Associate Professor WETMORE, Assistant Professor GALBRAITH, Mr. HACK, and Mr. DAME.

**LATIN 1-2.** *Livy.* Book XXI and portions of Book XXII of *Livy* are read. The principles of Latin syntax are studied with the aim of connecting the first weeks of college instruction as closely as possible with that received in the preparatory schools. There is frequent practice in reading at sight. The history of Rome during the Punic Wars, including assignments for collateral reading, is an important part of the course.

*Selections from Latin Poets. Cicero.* The work of the second semester includes selections from the Latin Poets, and the *De Senectute* of Cicero, with sight reading from the *De Amicitia*.

Mackail's *Latin Literature* is used throughout the year.

Freshman required course.

Three hours a week through the year.

Professor HOWES, Associate Professor WETMORE,

Assistant Professor GALBRAITH, Mr. HACK, and Mr. DAME.

LATIN 3-4. *Latin Comedy, Roman Life, Tacitus, and Horace.*

*Latin 3. Latin Comedy and Roman Life.* The primary aim in this part of the course is to trace the development of Latin Comedy, and to study its spirit as shown in the plays of Plautus and Terence. The *Captivi* and the *Trinummus* of Plautus, and the *Adelphoe* and the *Heautontimoroumenos* of Terence are read carefully, and other plays are read, either at sight or as translated by the instructor, e. g. the *Menaechni* of Plautus, and the *Phormio* of Terence. The contrast between the literary styles of Plautus and Terence is emphasized.

One exercise a week is devoted to the study of Roman life and customs, with illustrations by means of lantern slides and other material.

The first semester.

Professor HOWES and Assistant Professor GALBRAITH.

*Latin 4. Tacitus and Horace.* The reading work of the second semester is divided between the works of Tacitus and the *Odes* of Horace.

The readings in Tacitus include the entire *Agricola* and the first twenty-seven chapters of the *Germania*. Passages from the *Annals* are read at sight and there is collateral reading in the history of the Empire. If possible, several of Horace's *Satires* are read during this part of the course.

In connection with the *Odes* of Horace some attention is paid to the English lyric, involving the preparation of careful translations from the Latin and a comparison of the better known English versions. The student is encouraged to commit some of the famous passages to memory.

The second semester.

Assistant Professor GALBRAITH and Mr. HACK.

Sophomore elective course; prerequisite, *Latin 1-2*.

Four hours a week through the year.

**LATIN 5-6. Vergil, Catullus and Rapid Reading.**

*Latin 5. Vergil.* The object of this part of the course is to give the student a thorough knowledge and a high appreciation of the works of Vergil. To this end the *Eclogues* and the first six books of the *Aeneid* are rapidly reviewed, while a series of lectures is being given on the life and times of Vergil, his motives, sources, art, and influence on the later literature, as well as on his so-called minor poems included in the *Appendix Vergiliana* and the mediæval conception of Vergil.

About two-thirds of the semester is devoted to reading the *Georgics* and the last six books of the *Aeneid*. The technical parts of the *Georgics* are entirely omitted, only the poetical episodes being read. The last six books of the *Aeneid* are read, partly by the entire class in regular assignments, and partly by individual assignments and reading at sight.

Early in the course a large number of topics for original investigation and criticism in connection with the student's daily reading are suggested. Every man is expected to select one of these topics and prepare a paper to be read before the class.

There is considerable reading at sight, chiefly in prose authors.

The first semester.

Associate Professor WETMORE.

*Latin 6. Catullus and Rapid Reading of Prose Authors.* The greater part of Catullus is read. Passages from any source tending to throw light on the interpretation of the poet are read at sight.

About half of the work consists of the rapid reading of prose authors, including Sallust, Pliny the Younger, and Suetonius. The aim is to cultivate an appreciation of Latin literature and facility in grasping the thought immediately through the language.

The second semester.

Professor HOWES and Assistant Professor GALBRAITH.

Junior elective course; prerequisite, *Latin 3-4*.

Three hours a week through the year.

**LATIN 7. Roman Satire.** In this course the *Satura* as a distinctively Roman product is treated in such a way as to show its rise and development through the dramatic and invective forms to the narrative form of the novel. The *Satires* of Horace and Juvenal, and the *Cena Trimalchionis* of Petronius, together with the *Cupid and Psyche* myth of Apuleius, comprise the main subjects for read-

ing. The parts played in the history of Roman Satire by Ennius, Lucilius, and Varro are illustrated by the fragments of their works as given in Merrill's *Fragments of Roman Satire*. Many of the Epigrams of Martial are read at sight.

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the first semester.

Associate Professor WETMORE.

**LATIN 8. *A Brief Survey of Latin Literature.*** It is the aim of this course to give a general survey of Latin literature from the earliest period down to the third or fourth century A. D. The plan involves (1) a reading of selected portions of the most important authors, especially those not included in the other courses, and (2) informal lectures upon the rise and development of the various forms of literature, with such notice of the authors and their works as shall help to assign them their place in literature.

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the second semester.

Professor HOWES.

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**LATIN COMPOSITION.** To those who intend to become teachers of Latin there is open in connection with *Latin 7* and *Latin 8* an additional course of one hour a week in advanced Latin composition.

Mr. HACK.

For *Roman History*, formerly *Latin 7*, see *History 12*.

## PUBLIC SPEAKING AND ORATORY

[**PUBLIC SPEAKING.** This course aims (1) to emphasize some of the fundamental principles of oral expression, and (2) to apply them to the delivery of the individual. The class is divided into small sections, each of which meets once a week for ten weeks. Clark and Blanchard's *Practical Public Speaking* is used. The choice of speakers for the prize contest in declamation is based on this work.

Freshman required course.

Omitted in 1911-1912.

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[**ORATORY 1-2.** This course is intended to develop the delivery of the students. It includes (1) the practice of exercises for the development of the voice and body as expressive agents, and (2) practice in different forms of public speaking. The latter includes



the rendering of original selections from memory, speaking from notes or outline, and impromptu speaking.

It will offer advanced work in both technique and delivery. The structure and style of the oration considered—also its different forms. Each student writes at least three manuscripts of not less than eight hundred words each. Text-books are used.

Junior elective course, limited to thirty men; prerequisite, *English 3-4*.

Three hours a week through the year.

Omitted in 1911-1912.

During 1911-1912 extended drill will be given in all cases to speakers who compete in prize contests, and to those who are to appear on the Commencement platform.

Professor PERRY.

## ROMANCE LANGUAGES

Professor WESTON, Mr. CRU, Mr. PERDRIAU, Dr. RICE, and Dr. BARTON.

### FRENCH

*FRENCH 1-2. Elementary French.* This course includes the study of grammar and composition and the reading of modern French. The class is arranged in small divisions so that each student may receive individual attention and adequate training in pronunciation and the use of conversational French. Special attention is given to dictation.

Optional with *German 1-2* for Freshmen in Admission Group I who enter without a modern language. Required of students in Admission Groups III and V who do not offer *French a* for entrance.

Three hours a week through the year.

Professor WESTON, Mr. CRU, Dr. RICE, and Dr. BARTON.

*FRENCH 3-4. Intermediate French.* This course continues all the work of *French 1-2*. Standard authors are read and the use of the spoken language is increased.

Optional with *German 3-4* for students in Admission Group I. Required of students in Admission Groups III, IV, and V; elective for all others; prerequisite, *French 1-2*.

Three hours a week through the year.

Professor WESTON, Mr. PERDRIAU, Dr. RICE, and Dr. BARTON.

**FRENCH 5-6. *Advanced French.*** This course is devoted to the French novel of the first half of the nineteenth century and includes reading, composition, and oral practice. The history of the Romantic novel is studied.

This course is open to those who have completed *French 3-4*; required of Freshmen entering in Admission Group II.

The course is divided into three sections:

(1) For Freshmen entering in Admission Group II.

Professor WESTON, Mr. CRU, and Mr. PERDRIAU.

(2) Conducted in French.

Mr. CRU.

(3) Conducted in English.

Professor WESTON and Mr. PERDRIAU.

Prerequisite, *French 3-4*.

Four hours a week through the year.

[**FRENCH 7-8.** This course is devoted to the poetry and the drama of the first half of the nineteenth century, and includes reading, composition, and oral practice. The history of Romantic poetry and drama will be studied.

This course is conducted entirely in French. Prerequisite, *French 5-6*.

Three hours a week through the year.

Omitted 1911-1912.

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[**FRENCH 9-10. *Modern French Literature*** since the Romantic movement. Lectures in French upon the various schools. The course is conducted entirely in French. Outside reading is assigned.

Prerequisite, *French 7-8*.

Three hours a week through the year. Further conference hours may be arranged with the class.

Omitted 1911-1912.

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**FRENCH 11-12. *Classic French Literature*** of the age of Louis XIV. The course begins with the Renaissance and shows the development of classicism. Lectures in French upon the period. The course is a study of the culture of the age of Louis XIV and the social conditions as expressed in its literature, and is conducted entirely in French. Outside reading is assigned.

Senior elective course; prerequisite, *French 9-10*.

Three hours a week through the year. Further conference hours may be arranged with the class.

Professor WESTON and Mr. PERDRIAU.

### SPANISH

[SPANISH. *Elementary grammar and reading of classical and modern Spanish*. This course includes a practical training in Spanish grammar and composition, and the reading of standard works of literature.

Senior elective course; prerequisite, *French 5-6*.

Three hours a week through the year.

Omitted 1911-1912.

### ITALIAN

ITALIAN. *Elementary grammar and reading of classical and modern Italian*. This course includes a practical training in Italian grammar and composition, and the reading of standard works of literature.

Senior elective course; prerequisite, *French 5-6*.

Three hours a week through the year.

Dr. RICE.

*Dante*. See *Religion 3*.

## PHILOSOPHY

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### ECONOMICS

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 1-2. *Introductory Economics.*** This course is a study of the leading principles of economic science with some applications to modern industrial conditions. Study of a text-book and of assigned collateral reading is the basis of the work. Discussion of this matter in class is supplemented by occasional lectures and by written tests.

Junior elective course; prerequisite, *History* 1-2.

Three hours a week through the year.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 3. *Economic History.*** A study of the gradual development of the modern industrial world from the middle of the 18th to the end of the 19th century. It comprises the great inventions in textile and iron industries, the applications of steam, railways, steamships, cotton culture, the factory system, banking, and the rise of the modern industrial nations.

Assignments of reading on special topics.

Senior elective course; prerequisite, *Economics* 1-2, *Government* 1-2, or *History* 3-4.

Three hours a week during the first semester.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 4. *Corporations.*** A study of modern combinations of industry. Historical development of modern industrials in the United States from the pool to the trust and holding company. Forms of corporation securities. Economic and social effects of great combinations. Legislation in the United States and other countries and important legal decisions. State and federal control. Greene's *Corporation Finance*, and Ripley's *Trusts, Pools and Corporations* are used as text-books.

Senior elective course; prerequisite, *Economics* 1-2.

Three hours a week during the second semester.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 5. *Money and Banking.*** A survey of the principles of money, especially in their relation to banking systems. Dunbar's *History and Theory of Banking* and White's *Money and Banking* are used.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the first semester.

Professor DROFFERS and Assistant Professor CLARK.

**ECONOMICS 6. *Public Finance.*** A study of the theories and methods of taxation and financial administration. Bullock's *Selected Readings in Public Finance* is used as a text-book.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the second semester.

Professor DROFFERS.

## GOVERNMENT AND POLITICAL SCIENCE

President GARFIELD, Professor SMITH, and Assistant Professor DOUGHTY.

**GOVERNMENT 1-2. *The Constitution and Government of the United States.*** This course comprises a study of the United States constitution both in its principles and structure and in its actual operation. The first semester, *Government 1*, consists of an examination of the theories and principles of government upon which is based the constitution as those theories and principles are presented in *The Federalist*, which work is used as a text-book in this course. The second semester, *Government 2*, is devoted to a study of the working of the federal and state governments under the modern conditions created by political parties, financial and industrial problems and recent social changes. The methods of instruction consist of lectures, oral and written recitations and reports on specially assigned topics.

Junior elective course; prerequisite, *History 1-2*. Required Junior course in the History Major Group.

Three hours a week through the year.

The first semester.

Assistant Professor DOUGHTY.

The second semester.

Professor SMITH.

**GOVERNMENT 3. *Municipal Government.*** A study of the structure, working, and problems of municipal government in the United States, England, Germany, and France. Deming's *Government of American Cities* and Munro's *Government of European Cities* will be read. References to Beard's *Digest of Short Ballot Charters*.

constructive movements in Italy, Austria-Hungary, and Germany, concluding with the Franco-German War and the founding of the German Empire.

*History 5*, together with *History 6*, constitutes a required course in the French and German Major Groups, in which case either *French 3-4* or *German 3-4* serves as the prerequisite.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week during the first semester.

Professor GOODRICH.

HISTORY 6. *Recent European History* (1871-1910). This course is a continuation of *History 5* and is a study of the political development of all the European states from the Franco-German War to the present time. Special attention is given to the constitutional developments in France, Germany, Austria-Hungary, Russia, Turkey, and the Balkan states, concluding with a study of the colonial expansion and the international relations of European states down to the present time.

Senior elective course; prerequisite, *History 5*.

Three hours a week during the second semester.

Professor GOODRICH.

HISTORY 7. *The Slavery Contest in the United States* (1815-1865). This is a study of the years in which the economic and social antagonism between the Northern and Southern states gradually came to dominate political life and culminated in the secession of the slave states and the Civil War. It ends with the final victory of the Union.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week during the first semester.

Professor SMITH.

HISTORY 8. *The United States since the Civil War* (1865-1908). This course continues the history of the United States from the close of the Civil War to the election of 1908, covering the Reconstruction period, the reorganization of parties, the rise of the currency and tariff contests, the expansion episode, and the recent return to internal political questions.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week during the second semester.

Professor SMITH.

HISTORY 9-10. *The History of England and the British Colonial Empire* (1558-1910). This course is devoted to a study of the political and social history of England and the rise of the English colonial empire. The first semester, *History 9*, covers the years from the accession of Elizabeth to the peace of Paris, 1763: the second semester, *History 10*, extends from the accession of George III to the opening of the twentieth century.

Required Junior course in the English Major Group, in which case *English 3-4* serves as the prerequisite.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week through the year.

Professor SMITH.

HISTORY 12. *Roman History during the Revolution and the Empire*. The economic, social, political, and military history of the Roman world from the age of the Gracchi to that of Theodosius. Reading, lectures, quizzes, and written work.

Consultation of the Latin sources is encouraged but not required.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation. But the course aims primarily, while not neglecting great personalities, to survey for the general student of history or of the classics the Roman foundations of European civilization.

Senior elective course; prerequisite, *History 3-4*; or *Greek 3-4*, or *Latin 3-4* for students majoring in Greek or Latin.

Three hours a week during the second semester.

Assistant Professor CLARK.

See *Greek 11-History 12* on p. 73.

## PHILOSOPHY

Professor RUSSELL and Assistant Professor PRATT.

PHILOSOPHY 2. *Elementary Psychology*. The aim of this course is to give a general view of the nature of mind. Professor Russell will deliver two lectures each week and Assistant Professor Pratt will meet the class in divisions twice a week for recitation and discussion based upon a text-book.

Sophomore elective course; prerequisite, *English 3* or *History 1*.

Four hours a week during the second semester.

Professor RUSSELL and Assistant Professor PRATT.

*Philosophy 2* is to be taken only as the second semester of the Sophomore year-course, *English 3-Philosophy 2*, or *History 1-Philosophy 2*. See *English 3* and *History 1*.

**PHILOSOPHY 3-4. *Philosophy and Ethics.***

*Philosophy 3. First Course in Philosophy.* The chief problems of reality and knowledge will be taken up and analysed through discussions and short papers and by the use of a text-book. The aim of the course will be to train the student in accurate thinking and to enable him to come to intelligent conclusions on the problems of philosophy for himself.

The first semester.

Assistant Professor PRATT.

*Philosophy 4. Ethics.* This course is a study of the meaning and growth of moral ideas. It is given in two divisions, *Philosophy 4-I* and *Philosophy 4-II*. Professor Russell conducts division I, and Assistant Professor Pratt, division II.

The use of different authorities is made the basis of the course, and this use is largely supplemented by lectures, papers, and discussions.

The second semester.

Professor RUSSELL and Assistant Professor PRATT.

Junior elective course; prerequisite, *Philosophy 2*.

Three hours a week through the year.

**PHILOSOPHY 5-6. *Advanced Psychology and Logic.***

*Philosophy 5. Advanced Psychology.* The subject of this course for the year 1911-12 will be genetic and social psychology. Kirkpatrick's *Genetic Psychology* and MacDougal's *Social Psychology* will be used as text-books and these will be supplemented by lectures, assigned reading, and reports.

The first semester.

Assistant Professor PRATT.

*Philosophy 6. Logic.* The study indicated is to be entirely practical. Logical laws and principles are to be discovered and verified by the study of the actual ways in which men think and reason in matters of common life and in science.

The second semester.

Professor RUSSELL.

Junior elective course; prerequisite, *Philosophy 2*.

Three hours a week through the year.

NOTE: For 1911-12 only, *Philosophy 5-6* will constitute two Senior semester-courses. *Philosophy 5* and *Philosophy 6*; and *Philosophy 7* and *Philosophy 8*, one Junior year-course *Philosophy 7-8*.



**PHILOSOPHY 7. *Ancient and Mediæval Philosophy.*** This course is a historical study of those problems of the world and human life with which the great thinkers were occupied during this period in European civilization.

This course constitutes an historical introduction to a systematic study of Philosophy.

Senior elective course; prerequisite, *Philosophy* 3-4 or 5-6.

Three hours a week during the first semester.

Professor RUSSELL.

**PHILOSOPHY 8. *History of Modern Philosophy.*** This course carries on into modern philosophy the historical study begun by the student in the preceding course. It will be based upon a text-book supplemented by assigned reading from the leading modern philosophers, and lectures on the more difficult questions, with occasional papers and much informal discussion.

Senior elective course; prerequisite, *Philosophy* 3-4 or 5-6.

Three hours a week during the second semester.

Assistant Professor PRATT.

## RELIGION

Professor MORTON and Assistant Professor PRATT.

**RELIGION 1-2. *History and Philosophy of Religion.***

**Religion 1. *History of Religion.*** The more important ideas and institutions of the religion of primitive peoples will first be considered, after which the religions of Egypt, India, Persia, Israel, Islam, and Greece, will be taken up in some detail. The instruction will be by lectures with short quizzes, a considerable amount of required reading from the *Sacred Books*, and numerous reports upon them. In addition to this, each student will choose some topic for independent investigation and will write a thesis of some length upon it.

The first semester.

Assistant Professor PRATT.

**Religion 2. *Introduction to the Philosophy of Religion.*** Of the three subjects considered in the philosophy of religion,—Nature, Man, God,—this course treats of the first two. The main elements of religion are studied as facts of scientific knowledge, and as attempted solutions of the problems of existence. The subject is

approached through the historical movement known as the Renaissance. Text-book, lectures, and discussions.

The second semester.

Professor MORTON.

Junior elective course; prerequisite, *Philosophy 2*.

Three hours a week through the year.

RELIGION 3-4. *Dante*. The whole of the *Divine Comedy* is read in the English translation side by side with the original text (Dent's edition). A knowledge of Italian is not required, but it is recommended that enough be learned to follow the original with the aid of the translation. A sympathetic understanding of the spirit of mediæval Catholicism is sought through the medium of its greatest poet. The scope of the course extends, however, beyond the mediæval period to include a wider survey of the subjects considered. Lectures and comments with discussions, and preparation of special topics by members of the class.

Senior elective course; prerequisite, *Philosophy 3-4*, *Philosophy 5-6*, or *Religion 1-2*.

Three hours a week through the year.

Professor MORTON.

RELIGION 5. *Philosophy of Religion*. Continues *Religion 1-2*, including also the third subject (Theism). The reasons are given for believing in a reality corresponding to the assumptions and aspirations of religion. Objections and anti-theistic theories are considered. With the help of the comparative study of religions, an attempt is made to distinguish the essentials of religious belief.

Text-books, lectures, and discussions. Special topics are assigned for more extended study.

Senior elective course; prerequisite, *Religion 1-2*.

Three hours a week during the first semester.

Professor MORTON.

## SCIENCES

## ASTRONOMY

Professor MILHAM.

ASTRONOMY 1-2. This year-course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, Young's *Manual of Astronomy*, is used as the basis of instruction. Numerous supplementary lectures are given and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the cosmogony, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester.

Junior elective course; prerequisite, *Mathematics* 3-4.

Three hours a week through the year.

[ASTRONOMY 3. *Theoretical Astronomy*. The mathematical side of astronomy is here considered. Elliptic motion, place in orbit, place in space, and the computation of orbits are treated.

Senior elective course; prerequisite, *Astronomy* 1-2 and *Mathematics* 5-6.

Three hours a week during the first semester.

Omitted 1911-12. ]

ASTRONOMY 4. *Spherical and Practical Astronomy*. This consists of spherical trigonometry and its application to astronomy and the use of astronomical instruments in the determination of latitude, longitude, and time.

Senior elective course; prerequisite, *Astronomy* 1-2.

Three hours a week during the second semester.

## BIOLOGY

Professor CLARKE and Professor KELLOGG.

BIOLOGY 2. *A study of living matter, and of life.*

Text-book, lectures, oral and written recitations, laboratory exercises.

Sophomore elective course; prerequisite, *Chemistry 1*.

Four hours a week during the second semester.

Fee, \$2.00.

Professor CLARKE.

*Biology 2* is to be taken only as the second semester of the Sophomore year-course, *Chemistry 1-Biology 2*. See *Chemistry 1*.

BIOLOGY 3-4. The year's work includes two subjects:

(a) *Zoölogy of the Invertebrata*. This part of the course extends from September to about the last of March. Instruction is by means of lectures, recitations, and laboratory work. The structure and functions of several single-celled organisms are studied in the laboratory by means of the microscope. Among the many-celled forms examined are sponges, fresh-water hydras, marine hydroids, the star-fish, sea-urchins, worms, crayfish, grasshopper, fresh-water and marine bivalves, and the squid. The object of this work is chiefly to demonstrate the *meanings* of homologies and adaptations, and to afford an appreciation of the value of the data employed in inductions considered later in the course. Laboratory work is recorded by each student in simple outline drawings.

(b) *Theories of Biology*. The remainder of the year is given to a series of lectures, with recitations, on the general problems of biology. Laboratory work in (a) is continued during this period.

The course considers the views of the early Transmutationists, of Lamarck, Erasmus Darwin, and others, and enters fully into a discussion of the theory of natural selection of Darwin and Wallace. Attention is given to early criticisms of the theory, and more particularly to recent observations that tend to limit it as a universal explanation of the structural and functional peculiarities of organisms.

Among the subjects to be discussed are the meaning of the term species, the multiplication of organisms and the struggle for existence, variation among individuals, the meaning of color and peculiar structural modifications among animals and plants, heredity, natural selection and the development of the mental faculties, natural selection and morals, recent theories accounting for the origin of species, and the influence of the scientific method on modern thought.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00.

Professor KELLOGG.

**BIOLOGY 5-6. *Botany and Evolution of Plants.***

**Botany 1.** The work in the first part of the course deals with the mechanism of one of the most highly organized plants. In connection with this, Steven's *Plant Anatomy* is used as a text-book. The second part of the course treats of the life-history of such a plant. This is followed by a study of plant Physiology, using Coulter, Barnes and Cowles's *Text-book of Botany*. A study of the principles of Forestry with the use of Greene's text-book completes the course.

Lectures, laboratory, text-books, and field work with our native trees.

**Botany 2. *The Evolution of Plants.*** A continuation of *Botany 1*. Types of all the plant groups from the simplest to the most highly organized are studied, their structure and life history receiving especial attention. This is made the basis for a consideration of the process of evolution in the plant world, and will include such general subjects as the origin of sex, the origin of the seed plants and its significance to man, and the origin of the coal beds. Lectures, laboratory work and occasional field work.

Text-book, Strasburger's *A Text-book of Botany*.

Fee, \$6.00.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week through the year.

Professor CLARKE.

**BIOLOGY 7-8. A continuation of *Biology 3-4*.**

(a) *Zoölogy of the Chordata*. As in *Zoölogy of the Invertebrata*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology*. The second semester is given to a study of the development of the starfish, worm, frog, chick, and mammal. In the first three forms special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a text-book, and followed in the laboratory by means of preparations, some of which are to be made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

and erosion. Some time is spent on the life of the past, not only in a description of the animals that lived in the various periods of the earth's history but also of the changes that took place in their structure and habits, and, as far as possible, the causes that produced these changes.

*Geology 1.* During the first semester that portion of the subject included in (a) *Dynamical Geology* which deals with the forces that have shaped, and are now shaping the earth's surface, such as weathering and erosion, glaciers, volcanoes, earthquakes, etc., is considered.

(b) *Structural Geology* (with the exception of ore deposits, which will be considered in the second semester). In this division of the subject the structure of the earth's crust and the more important rocks and minerals of which it is composed are studied.

Excursions in the vicinity of Williamstown, as well as one or two to some distance, are taken.

*Geology 2.* In the second semester the origin and occurrence of ores are first studied. This is followed by the major work of the semester, the study of Historical Geology. The animals of the past, as shown by their fossil remains, are discussed, particularly with regard to their bearing upon the theory of evolution. The fossils in the collections, and a number of casts, together with a large collection of lantern slides of restorations, are used in illustration.

Excursions in the vicinity of Williamstown, as well as one or two to some distance, are taken.

Junior elective course; prerequisite, *Chemistry 1-2* or *Chemistry 1-Biology 2*.

Three hours a week through the year.

The second semester of this course is omitted in 1911-1912.

*GEOLOGY 3. Advanced Geology.* Beginning with a more detailed study of those subjects which are essential to the understanding of Economic Geology, the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as coal, gypsum, salt, iron, lead, copper, and gold. Special attention is paid to the origin of the various deposits studied, with particular reference to the general principles governing the deposition and occurrence of each economic product discussed.

Senior elective course; prerequisite, *Geology 1-2*.

Three hours a week during the first semester.

**GEOLOGY 4. *Mineralogy.*** The purpose of this course is to give the student the ability to determine the commoner minerals by tests that can be used in the field or with chemicals that can easily be purchased. To accomplish this object, attention is given to the identification of minerals by their physical properties as well as by blowpipe and chemical tests. A brief course in crystallography is given throughout the semester, accompanying the identification of the minerals.

This course is designed for students who plan to take advanced work in Architecture, Chemistry, Geology, or Mining.

Moses and Parson's *Mineralogy and Blow-pipe Analysis* is used.

Senior elective course; prerequisite, *Geology* 1-2.

Three exercises a week during the second semester.

Fee, \$3.00.

Mr. CORWIN.

## MATHEMATICS

Professor FERRY, Associate Professor HARDY, Assistant Professor SHEPARD, Dr. ATCHISON, and Dr. AGARD.

**MATHEMATICS 1-2. *Algebra, Solid Geometry, Plane Trigonometry, and Surveying.***

*Advanced Algebra.* Binomial theorem, logarithms, permutations, combinations, method of undetermined coefficients, determinants, theory of equations, etc. Rietz and Crathorne's *College Algebra* is used as a text-book.

*Solid Geometry.* Books VI, VII, and VIII of Wentworth's *New Plane and Solid Geometry*, together with original propositions and numerical problems.

*Plane Trigonometry.* The trigonometric functions, trigonometric analysis, solutions of right and oblique triangles, etc.

*Field Work in Surveying.* The practical use of instruments, including determination of heights, simple triangulation, measurement of areas, and leveling. This portion of the course is optional.

Freshman required course.

Four hours a week through the year.

Associate Professor HARDY, Assistant Professor SHEPARD,

Dr. ATCHISON, and Dr. AGARD.

**MATHEMATICS 3-4. *Analytic Geometry and Differential Calculus.***

*Mathematics 3. Analytic Geometry.* Plane analytic geometry,—the straight line, circle, parabola, ellipse, and hyperbola,—with an

introduction to analytic geometry of three dimensions. Wentworth's *Analytic Geometry* is the text-book used.

The first semester.

Professor FERRY, Assistant Professor SHEPARD, and  
Dr. ATCHISON.

*Mathematics 4. Differential Calculus.* Methods of differentiation, expansion of functions into series, indeterminate forms, the simpler applications to mechanics and to the theory of plane curves, etc. Granville's *Calculus* is the text-book used.

The second semester.

Assistant Professor SHEPARD and Dr. ATCHISON.

Sophomore elective course, required of Freshmen in Admission Groups IV and V; prerequisite, *Mathematics 1-2*.

Four hours a week through the year.

**MATHEMATICS 5-6. Differential and Integral Calculus.**

*Mathematics 5. Integral Calculus.* Derivation and application of the fundamental formulas of integration; applications of the integral calculus to the determination of lengths of curves, areas and volumes, mean values, moments of inertia, etc., based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The first semester.

*Mathematics 6. Differential and Integral Calculus.* A continuation of the work of the first semester. Numerous applications of the differential and integral calculus are considered. The work is based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The second semester.

Junior elective course, open also to Sophomores in Admission Groups IV and V; prerequisite, *Mathematics 3-4*.

Three hours a week through the year.

Associate Professor HARDY.

**MATHEMATICS 7. Descriptive Geometry.** This course is an introduction to descriptive geometry and the elements of mechanical drawing. Randall's *Descriptive Geometry* is used as a text-book.

Senior elective course; prerequisite, *Mathematics 5-6*; open also to students majoring in Physics who have completed the three courses of the Physics Junior Group.

Three hours a week during the first semester.

Assistant Professor SHEPARD.



MATHEMATICS 8. *Descriptive Geometry*. This course is a continuation of *Mathematics 7*.

Senior elective course; prerequisite, *Mathematics 7*.

Three hours a week during the second semester.

Assistant Professor SHEPARD.

MATHEMATICS 9. *Differential Equations*. Methods of solution of the simpler forms of differential equations, applications to many problems of mathematical physics, etc. The course is based on Cohen's *Differential Equations*.

Senior elective course; prerequisite, *Mathematics 5-6*.

Three hours a week during the first semester.

Dr. ATCHISON.

MATHEMATICS 10. *Modern Methods in Analytic Geometry*. Abridged notation, line coördinates, harmonic divisions, projection, etc., with many applications. Lectures, with references to Salmon's *Conic Sections* and other works.

Senior elective course; prerequisite, *Mathematics 5-6*.

Three hours a week during the second semester.

Assistant Professor SHEPARD.

## PHYSICS

Professor McELFRESH and Mr. HARRINGTON.

PHYSICS 1-2. *General Physics*. This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity.

Sophomore elective course.

Four exercises a week through the year; these are lectures and recitations (three hours a week) and laboratory work (one two-hour exercise a week). For laboratory work the class is divided into small divisions; two-hour periods are assigned for this work, to fit individual schedules.

Fee, \$3.00.

PHYSICS 3-4. *Experimental Physics*. Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series

of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems which do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation.

Junior elective course; prerequisite, *Physics 1-2*.

Three exercises a week through the year; lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week).

Fee, \$10.00.

**PHYSICS 5-6. *Electrical Measurements and Practical Applications of Electricity.*** This course consists of lectures and laboratory work and includes a study of the magnetic properties of iron and steel, of direct and alternating current phenomena, and of their practical illustration in dynamo-electric machinery.

Senior elective course; prerequisite, *Physics 3-4*.

Three exercises a week through the year; lectures and recitations (two hours a week), and laboratory work (one two-hour period a week).

Fee, \$10.00.

**PHYSICS 7. *Experimental Mechanics.*** The general principles of mechanics of solids; statics and kinetics of rigid bodies. Lectures, problems, and laboratory work.

Senior elective course; prerequisite, *Mathematics 3-4* and *Physics 1-2*.

Three exercises a week during the first semester.

**PHYSICS 8. *Experimental Mechanics.*** A continuation of *Physics 7*. Elasticity of solids, liquids, and gases. Statics and kinetics of liquids and gases.

Senior elective course; prerequisite, *Physics 7*.

Three exercises a week during the second semester.

## PHYSIOLOGY AND HYGIENE

Professor HOWARD.

**HYGIENE.** A series of lectures and recitations on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Freshman required course.

One hour a week during the first semester.

Shortly after the opening of college in the fall, each new student is given a physical examination, the objects of which are to discover any existing defects of the heart, lungs, eyes or muscular development, and to prescribe proper measures for their correction. Particular attention is given to the fitness of candidates for the athletic teams.

**PHYSIOLOGY 1.** An elementary study of the mechanism of life. Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this there is a brief survey of cell physiology. Subsequently the neuro-muscular mechanism, the central nervous system, and the organs of sensation are studied. As far as time and the nature of the subject permit, the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Martin's *Human Body* is used, supplemented by reading of references in the manuals and periodicals of the science.

Senior elective course; prerequisite, *Biology* 3-4 or 5-6.

Three hours a week during the first semester.

**PHYSIOLOGY 2.** This course continues the study of Physiology on lines identical with those followed in *Physiology 1*. Nourishment will be the central topic. Under this head are studied alimentation, respiration, circulation, metabolism, etc.

Senior elective course; prerequisite, *Physiology 1*.

Three hours a week during the second semester.

## PHYSICAL TRAINING

Mr. SEELEY.

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells.

The first six weeks are given up to outdoor work on Weston Field.

Freshman required course.

Three forty-five minute periods a week until Easter.

[In connection with this work a course of lectures on Hygiene is given in the first semester by Professor Howard. See the announcement of Physiology and Hygiene.]

Elective work in the gymnasium is offered to other classes.

## GENERAL INFORMATION

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### ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college at any time, even without previous warning.

### HONOR SYSTEM

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following declaration is necessary to make any examination or other work written on paper in the classroom valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

### REGISTRATION

All students are required to register at the Dean's Office on Tuesday, Wednesday, or the morning of Thursday at the beginning of the college year and again, as occasion may demand, shortly before the beginning of the second

semester and near the close of the second semester. For unexcused delay in registration, a fee of five dollars is imposed.

### ATTENDANCE ON COLLEGE EXERCISES

Attendance on all individual appointments in the departments of English, Public Speaking and Oratory, and Physiology and Hygiene, on all semi-annual or final examinations, and on six-sevenths of the chapel services is required of all students; attendance on nine-tenths of all other exercises is required of those Seniors, Juniors, and Sophomores, whose grades during the previous semester were as high as B in at least half their hours and as high as C in all their hours; and attendance on nineteen-twentieths of these exercises is required of all other students.

Each student is allowed to be absent from the Sunday morning service twice and from the morning prayers and Sunday afternoon service combined eighteen times each semester.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

### MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college,

pursuing two approved courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfilment of the requirements for degrees elsewhere, and having been registered for the Master's degree for not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having been registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than eight semester hours to complete the requirements for the Bachelor's degree may apply the remainder of their allowed semester hours toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least twenty semester hours, and the other, to be known as the minor course, must be equivalent to at least ten semester hours.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a B grade.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

*Each candidate must file his registration with the Chairman of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of each year for which the applicant desires to be considered a candidate, and, in case of non-resident candidates, the renewal of the registration must be accompanied by a statement showing the progress that has been made during the year.*

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year



during which he expects to receive the degree. The examinations, however, may be taken earlier than the end of the final year of study, subject to the following restrictions: (a) The examination for the major course *in residence* may not be taken earlier than the spring recess following the date of registration; and that for the minor course *in residence* not earlier than the end of the first semester following the date of registration. (b) The examination for the major course *in absentia* may not be taken earlier than the end of the first semester of the year following the date of registration; and that for the minor course *in absentia* not earlier than the Easter recess of the year of registration.

Candidates in residence who desire instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The College Catalogue will contain the names of those candidates who take the required courses *in residence*, but not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

Communications relative to the Master's degree should be addressed to Professor Carroll Lewis Maxcy, Chairman of the Committee on Graduate Students.

### RECORDS AND REPORTS

A report of scholarship is sent to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record of each student's scholarship is kept and by this record his final rank is determined.

## PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening, and all students are required to be present.

On every Sunday morning, a preaching service is held in the college chapel at which the presence of all students not excused to attend elsewhere is required.

## PREACHERS TO THE COLLEGE FOR THE YEAR

1910-1911

President Harry A. Garfield, LL.D.	Williamstown
Rev. James M. Ludlow, D.D.	East Orange, N. J.
Rev. Harris E. Adriaance	New York, N. Y.
Rev. Harry P. Dewey, D.D.	Minneapolis, Minn.
Rev. Hugh Birkhead, D.D.	New York, N. Y.
Rev. Edward Judson, D.D.	New York, N. Y.
Rev. S. V. V. Holmes, D.D.	Buffalo, N. Y.
Rev. S. V. V. Holmes, D.D.	Buffalo, N. Y.
President James G. K. McClure, D.D.	Chicago, Ill.
Rev. Henry H. Tweedy, M.A.	New Haven, Conn.
Rev. Clarence A. Barbour, D.D.	Rochester, N. Y.
Rev. Adolphus F. Schauffler, D.D.	New York, N. Y.
President Rush Rhees, D.D., LL.D.	Rochester, N. Y.
Rev. Percy Martin, B.A.	Williamstown
President W. Douglas Mackenzie, D.D.	Hartford, Conn.
President Albert P. Fitch, D.D.	Cambridge
Right Rev. Charles D. Williams, LL.D.	Portland, Maine.
Rev. Raymond Calkins, D.D.	Portland, Maine.
Rev. Howard C. Robbins	Englewood, N. J.
Rev. John S. Zelig, D.D.	Plainfield, N. J.
Rev. William A. Brown, D.D.	New York, N. Y.
Rev. F. Boyd Edwards	Orange, N. J.
Rev. Charles H. Dickinson, D.D.	Boston
President William F. Slocum, LL.D.	Denver, Col.
Rev. Willis H. Butler	Northampton
Prof. Paul vanDyke, D.D.	Princeton, N. J.
President Charles A. Richmond, D.D.	Schenectady, N. Y.
Rev. H. Roswell Bates	New York, N. Y.
Rev. Rockwell H. Potter, D.D.	Hartford, Conn.
Rev. Henry van Dyke, D.D.	Princeton, N. J.

Rev. Samuel A. Eliot	Cambridge
Rev. Charles G. Sewall	Albany, N. Y.
Rev. J. Franklin Carter	Williamstown
Rev. William M. Grosvenor, D.D.	New York, N. Y.
Rev. Anson P. Stokes, Jr., M.A.	New Haven, Conn.
Ex-President Franklin Carter, LL.D.	Williamstown

### LIBRARY

The College Library contains seventy thousand seven hundred volumes, exclusive of duplicates, and about nineteen thousand eight hundred pamphlets. The card catalogue now covers the entire collection, bound and unbound. For the maintenance and enlargement of the library, seven thousand five hundred fifty dollars are expended annually. The Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, Class of 1878, Josiah William Wheeler, and the Stephen and Mary Stickney Memorial funds represent a capital sum of about fifty-nine thousand seven hundred and forty dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week-day during the entire year. From September to Thanksgiving, and from Easter to Commencement, the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. Between Thanksgiving and Easter the hours are from 8.30 A. M. to 12.30 P. M., 1.30 P. M. to 6 P. M., and 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10.30 A. M. to 12.30 P. M., on week-days.

To coöperate with the instruction in particular subjects, selected books bearing on the semester's work are placed in a special department of the east wing and in branch libraries established in the Thompson Laboratories, Griffin Hall, Clark Hall, and Hopkins Hall, bringing the books bearing on biology, chemistry, physics, mathematics, astronomy, history, government, economics, physiology, botany, and geology, within the immediate reach of students in those departments. With the same method in view, books used for special study in language, literature, and philosophy are placed in the reference room in Goodrich Hall.

A comfortable reading room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Williams Christian Association in Jesup Hall. The Commons Room in Currier Hall is likewise supplied with current literature.

### LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York, N. Y.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are continually being increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is supplied with modern appliances for instruction in chemistry. The building contains

three large laboratories, two private laboratories, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and by a ten horse-power induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

### OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvin Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a portable transit which can be used as a zenith telescope, together with the necessary clock. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since about 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable

instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold and Sons of Hamburg, with a telescope of 4.8 inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with a Riefler clock, a fillet chronograph, and collimators according to Rittenhouse.

In addition, the department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

#### GEOLOGICAL MUSEUM

The first floor of Clark Hall is given up to the Geological Museum. The collections, though not large, have been carefully selected and arranged and contain many choice specimens of minerals, rocks, and fossils.

The most recent additions to the Museum are some polished sections of tree trunks of petrified wood from the petrified forest of Arizona, the excellent collection of about 175 polished specimens (4 x 6 inches) of foreign and domestic ornamental stones, presented by Mr. Francis E. Bowker, of the Class of 1908; and a small collection of fossil plants from Pennsylvania. This year a specimen of the problematical *Daemohelix* from Sioux County, Nebraska, will be placed on exhibition.

The nucleus of the mineral collection was the Wilder Cabinet, which was purchased and presented to the college by Edward Clark, the donor of the building that bears his name. In the early days of the college Professor Ebenzer Emmons presented his collection of North Carolina

fossils as well as some from New York State, and from this the present collection of fossils grew. Through the generosity of Mr. Morris K. Jesup, as well as through the annual appropriations, vertebrate and invertebrate fossils have been purchased and this section of the Museum made more valuable for classroom as well as for exhibition purposes. Mr. T. Nelson Dale's donation of local rocks has made the collection of local rocks and minerals complete.

A collection of modern shells, the gift of missionary alumni and others, is on exhibition.

Models illustrating mountain structure, folding, faulting, relief maps, crystal models, and other devices for illustrating geological features, are either on exhibition or are available for those who are interested.

### GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the Class of 1844, and of his son, Josiah Manning Lasell, of the Class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of a competent instructor. An inclined padded running-track 229 feet in length, and a swimming pool 65 by 22 feet, are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and five hundred and fifty steel lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the Director soon after entering college,

in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Easter recess.

### COLLEGE INFIRMARY

The new Infirmary, the gift of Mrs. F. F. Thompson, is completed and ready for occupancy.

Each student cared for at the Infirmary is charged one dollar a day. In case a physician is called in or a special nurse is needed, the expense is to be borne by the person requiring the same, and the Infirmary is to be reimbursed for all expense and at the rate of six dollars a week for the nurse's board. In cases of contagious disease, nurses charge extra for services. Board bills are to be paid to the College Treasurer.

A medical staff has been appointed by the Trustees of the College, composed of the following physicians:

Dr. Vanderpoel Adriance

Dr. Frederick H. Howard

Dr. Frank W. Olds

A physician other than a member of the staff may attend a student at the Infirmary, provided a written request to that effect, designating the physician, is received by the Dean of the College from the parent or guardian of the student.

### WILLIAMS INN

The Williams Inn, formerly the Williams Alumni House, owned by a corporation composed of alumni of the college, is a public inn and is open throughout the year.

### PRIZES

#### BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the Class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded



annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; and seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.\* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

#### BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

Candidates for these prizes must have completed one year's work in Greek and two years' work in either Latin or Greek.

#### VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the Class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

#### GRAVES PRIZES

The late Arthur B. Graves, Esq., of the Class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty

\* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase the prize to \$100.00.

dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

#### RHETORICAL PRIZES

On Monday evening of Commencement week, ten speakers, appointed equally from the Junior and the Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

#### RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a

student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination; but a course so passed may not count toward a degree.

#### DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

#### LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year as a cash prize of about fifty dollars and also for the making of the Lathers bronze medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This cash prize and medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on a subject indicated by the Faculty concerning the duty or relation of citizens to the government, and will be assigned to that writer whose essay is pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in an early issue of such newspaper. In case none of the competing essays is adjudged worthy of publication, no medal for that year will be awarded.

The subject for the current year is "The political duties of citizens of the United States."

#### THE DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the Class of 1847, a prize of \$500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such 'paper,' 'notes,' and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize of 1913 will be announced during the winter of 1911-12. President Garfield will furnish competitors with the titles of authorities on the subject, on application.

The essays in the competition must be sent by March 15, 1913, to the president of the college, to whom all communications should be addressed.

The competition for the prize of 1913, with the qualifications already stated, is open to the members of the classes of 1909, 1910, 1911, and 1912.

#### FRANKLIN STORY CONANT PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893, in memory of their deceased classmate, whose name it bears. The award of this prize is made upon the recommendation of the Professor of Natural History, to that member of the Senior class who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Hole.

#### GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, by Eugene Delano, Esq., of the Class of 1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

#### CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriot Canby, Jr., of the Class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate athletic contest, shall be eligible.

#### PHILADELPHIA 1895 ALUMNI CUP

By the gift of Messrs. Felton Bent and Henry D. Riley, of the Class of 1895, a cup, to be known as the Philadelphia 1895 Alumni Cup, will be awarded annually on the thirtieth day of May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are and hereafter may be prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least C in his college work.

#### PHI BETA KAPPA

There are at present seventy-one chapters of Phi Beta Kappa located at various colleges and universities. The Williams, or Gamma of Massachusetts, chapter was established July 21, 1864.

On the second Saturday after the close of the semi-annual examinations in February, a number not exceeding one twelfth of the whole number of the Senior class is elected to membership. Also, after the final examinations of the Senior year, a twelfth of the remaining members of the Senior class is elected to membership. Almost without exception, the twelfth having the highest standing in the class is chosen.

### HONORS

At the end of each college year the Faculty will award honors for high scholarship. These honors will be of two grades; viz., "honors" and "highest honors." The names of the recipients will be read at the Commencement exercises and printed in a pamphlet, which will be sent to the recipients, their parents, the Trustees, and the Faculty; and the names of the recipients will also be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

The award will be made in accordance with the following conditions:

#### FRESHMAN, SOPHOMORE, JUNIOR, AND SENIOR CLASS HONORS

"Class honors" thus designated will be awarded at the end of each year to the students in each class who shall have attained the grade A in courses amounting to at least twenty-four semester-hours in that year, and shall have fallen below the grade B in none; and "highest class honors" will be awarded to those students in each class who shall have attained the grade A in all their courses, provided the same amount to at least thirty semester-hours.

#### FINAL HONORS

##### A *General Final Honors*

"General final honors" will be awarded to those students who shall have attained the grade A in at least half the hours of their entire course, and fallen below the grade B in none; and "highest general final honors" will be awarded to those who shall have attained the grade A in all the courses taken by them in college.

##### B *Final Honors in Special Fields*

"Final honors" will be awarded at graduation in any Major Group of courses, as designated on pp. 62, 63 of the

catalogue, to any student who shall have attained the grade A in all the courses making up his Major Group.

### LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college. Regular meetings are held at which reports are presented by the members or by visitors.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is awarded every fourth year, will be next available in the summer of 1912, for the encouragement of biological research at the Marine Biological Laboratory, Woods Hole, Mass.

### CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Greek and Latin courses, has for its object the increase of interest in the study of the classics. It holds regular meetings for the reading of classical authors, for the discussion of papers, and for reports in the fields of Greek and Latin philology and archæology.

### LIBRARY ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the Library.

The gift of suitable works of art is solicited by the Trustees of the college, subject to approval by a committee of their number.

### THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York,



N. Y., provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year entertainments were given by Leland J. Powers, the Flonzaley Quartette, \*the Adamowski Trio, Francis Rogers, baritone, Henry J. Hadfield, and the Kneisel Quartette.

### FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while the large Weston Field, the gift of the late Hon. Byron Weston, of Dalton, affords opportunity for baseball, football, and track athletics. The golf links and tennis courts of the Taconic Club are open, on moderate terms, to student players.

### WILLIAMS COLLEGE GREEK FELLOWSHIP

The sum of \$700 is contributed annually to enable a member of the graduating class, who shows scholarly promise and has distinguished himself in the fields of Latin and Greek classics, to pursue his studies at Athens, at the American School of Classical Studies. The appointment is made by the Faculty on the recommendation of the Departments of Greek and Latin. The fellowship is paid in two instalments, at Commencement and in January, and may be withheld if there is no suitable candidate.

### SCHOLARSHIPS

#### THE HORACE F. CLARK PRIZE SCHOLARSHIPS

Two Horace F. Clark Prize Scholarships, in honor of Horace F. Clark, Esq., of the Class of 1833, have been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter.

\* Jackson Concert.

These two scholarships of \$500, which in exceptional cases may be combined in a single prize of \$1000 or may be continued to the same holder for more than one year, are awarded annually to such member or members of the Senior class as may be chosen by the Faculty on the basis of superior scholarship, general ability, and interest in scholarly research, the sum to be paid in instalments at the end of each quarter. Competitive examinations on designated subjects connected with the regular studies of the course and supplementary thereto may be required to test the ability of the candidates.

#### HONOR SCHOLARSHIPS

Several "Honor Scholarships" have been founded by alumni and friends of the college, in order to afford pecuniary aid, and to recognize successful scholarship. But under the present system all scholarships are considered "honor scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

#### GENERAL SCHOLARSHIPS

The income from the endowments included in the appended list, amounting to about \$7,500 annually, is distributed, by direction of the Trustees, to those students who are known to need aid.

The regulations are as follows:

- 1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Dean. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July 1st upon forms provided by the Committee.
- 2 All promises of scholarships to students before their admission are provisional. If conditions or deficiencies are

standing against the candidate when the college year opens, his scholarship may thereby be forfeited.

3 Freshmen and Sophomores are expected to carry sixteen hours of college work per week, and Juniors and Seniors fifteen hours per week, except that, for the second semester of the Senior year, twelve hours may be sufficient. A student having less than this number of hours to his credit at the beginning of any semester ordinarily forfeits his scholarship.

4 The stipend for Freshmen is uniformly fifty-seven and one-half dollars for the first semester. For each semester of the course after the first, the stipends range from fifty-seven and one-half to eighty-seven and one-half dollars.

A regrading of the stipends will be made at the beginning of each semester, on the basis of the standing for the previous semester, according to the following scale:

Group 1, \$87.50 per semester.	Group 4, \$65.00 per semester.
" 2, 80.00 "	" 5, 57.50 "
" 3, 72.50 "	

5 A Freshman who fails to obtain grades as high as C in at least nine hours of work will lose his scholarship for the following semester.

6 After the Freshman year, a student who fails to obtain grades as high as C in at least twelve hours of work will lose his scholarship for the following semester.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

(a) Evidence satisfactory to the Committee that the scholarship is not needed;

(b) Any serious misconduct;

(c) Indulgence in intoxicating liquors;

(d) Expensive habits. Holders of scholarships must

satisfy the *Committee* that they are exercising strict economy in respect to room, board, and general living expenses.

§ A scholarship may be restored after a lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

## REVISED LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,075 14
The William Hiltor Fund, 1837, 1890.....	25,710 00
The Abmon. Scholarship Fund, 1870.....	10,000 00
The Stephen Stickney Family Memorial Fund, 1910.....	10,000 00
The Mrs. Abby Burral. Mills Fund, 1870.....	8,400 00
The Massachusetts Fund, 1800.....	7,500 00
The Woodbridge Little Fund, 1811, 1813.....	6,000 00
The Ebenezer R. Goodnow Scholarship Fund, 1804.....	6,000 00
The Moses Day Fund, 1880.....	5,000 00
The Thomas Thornton Read Permanent Fund, 1888.....	5,048.93
The Mary Brown Ward Warner Scholarship, 1900.....	5,000 00
The three Commonwealth Scholarships, 1861.....	4,500 00
The Horace Nathaniel Penoyer Scholarship, 1895.....	3,500 00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000 00
The Henshaw Scholarship, 1888.....	3,000 00
The Joseph White Memorial Scholarship, 1903.....	3,000 00
The Thornton Read Scholarship, 1875.....	2,500 00
The Scholarship of the Class of 1851.....	2,500 00
The Scholarship of the Class of 1852.....	2,500 00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500 00
The Homer Bartlett Scholarship, 1801, 1874.....	2,500 00
The William Hyde Scholarship, 1809, 1875.....	2,500 00
The Mrs. William Hyde Scholarship, 1880.....	4,755 25
The Orrin Sage Scholarship, 1853, 1875.....	2,500 00
The Miss Sarah Ruth Sage Scholarship, 1880.....	4,755 25
The Hancock Scholarship, 1875.....	2,500 00
The Olin White Geer Memorial Scholarship, 1884.....	2,500 00
The Paul Ansel Chadbourne Scholarship, 1880.....	2,500 00
The Charles Henry Thomson Scholarship, 1871.....	2,500 00
The James Ruthven Adriance Memorial Scholarship, 1880.....	2,500 00
The Samuel Dennis Warren Scholarship, 1870.....	2,500 00
The Charles Franklin Gilson Scholarship, 1881.....	2,500 00
The Scholarship of the Class of 1867.....	2,500 00
The Scholarship of the Class of 1862.....	2,500 00
The Ephraim Flint Scholarship, 1904.....	2,500 00
The Abraham Lansing Scholarship, 1906.....	2,500 00
The Henry P. Brush Scholarship, 1885.....	2,175 00
The Amos Lawrence Scholarships, 1847.....	2,000 00
The Charles Augustus Dewey Scholarship, 1866, 1870.....	1,500 00
The Charles A. Jessup Scholarship, 1879.....	1,000 00

satisfy the Committee that they are exercising strict economy in respect to room, board, and general living expenses.

8 A scholarship may be restored after a lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

## REVISED LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,915.14
The William Hilton Fund, 1897, 1899.....	25,710.00
The Alumni Scholarship Fund, 1870.....	10,000.00
The Stephen Stickney Family Memorial Fund, 1910 .....	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00
The Massachusetts Fund, 1869.....	7,500.00
The Woodbridge Little Fund, 1811, 1813.....	6,000.00
The Ebenezer R. Goodnow Scholarship Fund, 1894.....	6,000.00
The Moses Day Fund, 1880 .....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888.....	5,948.93
The Mary Brown Ward Warner Scholarship, 1909 .....	5,000.00
The three Commonwealth Scholarships, 1861.....	4,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895.....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000.00
The Henshaw Scholarship, 1888.....	3,000.00
The Joseph White Memorial Scholarship, 1903 .....	3,000.00
The Thornton Read Scholarship, 1875.....	2,500.00
The Scholarship of the Class of 1851.....	2,500.00
The Scholarship of the Class of 1852.....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874.....	2,500.00
The William Hyde Scholarship, 1869, 1875.....	2,500.00
The Mrs. William Hyde Scholarship, 1880.....	4,765.25
The Orrin Sage Scholarship, 1853, 1875.....	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880.....	4,756.25
The Hancock Scholarship, 1875.....	2,500.00
The Olin White Geer Memorial Scholarship, 1884.....	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889.....	2,500.00
The Charles Henry Thomson Scholarship, 1871.....	2,500.00
The James Ruthven Adriaance Memorial Scholarship, 1880	2,500.00
The Samuel Dennis Warren Scholarship, 1870.....	2,500.00
The Charles Franklin Gilson Scholarship, 1881 .....	2,500.00
The Scholarship of the Class of 1867.....	2,500.00
The Scholarship of the Class of 1862.....	2,500.00
The Ephraim Flint Scholarship, 1904.....	2,500.00
The Abraham Lansing Scholarship, 1906.....	2,500.00
The Henry P. Brush Scholarship, 1885.....	2,375.00
The Amos Lawrence Scholarships, 1847.....	2,000.00
The Charles Augustus Dewey Scholarship, 1866, 1870.....	1,500.00
The Charles A. Jessup Scholarship, 1879.....	1,000.00

The Mrs. Robert Means Fund, 1857.....	\$1,000.00
The Abraham Baldwin Olin Scholarship, 1866.....	1,000.00
The George H. Rosseter Scholarship, 1873.....	1,000.00
The Newton Henry Rosseter Scholarship, 1870.....	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856.....	1,000.00
The Charles Stoddard Scholarship, 1866.....	1,000.00
The Emory Washburn Scholarship, 1877.....	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877.....	1,000.00
The Cyrus Taggart Mills Scholarship, 1886.....	1,000.00
The Michael Edward Driscoll Fund, 1896.....	1,000.00
The George Anderson Scholarship, 1906.....	1,000.00
The Col. Henry Root Scholarship Fund, 1907.....	1,987.78
The Benjamin Howard Fund, 1902.....	952.50
The Ezra Starkweather Fund, 1835.....	948.60
The Franklin Marcellus Olds Fund, 1886.....	700.00
The Charles Merriam Scholarship, 1860.....	550.00
The J. Barker and Brothers Scholarship, 1856.....	500.00
The W. W. Mason Scholarship, 1856.....	500.00
The B. F. Bancroft Scholarship, 1856.....	500.00
The Bela Peck Williams Scholarship, 1859.....	500.00
The Thomas W. Williams Scholarship, 1859.....	500.00
The John Tatlock, Jr., Fund, 1892.....	500.00
The Charles Andrews Heath Fund, 1897.....	500.00
The John Dudley Hardy Fund, 1902.....	500.00
The Ira Jewett Geer Fund, 1902.....	500.00
The Fund of the Class of 1840.....	500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other Classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	500.00
The Mrs. Betsey Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
Total .....	\$219,482.45

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 121.



**EXPENSES****TREASURER'S BILLS**

Tuition, \$70 per semester.....	\$140.00	\$140.00
Room charge, \$25 to \$80 per semester.....	50.00	160.00
	<u>\$190.00</u>	<u>\$300.00</u>

The following is an estimate of some of the necessary expenses for the college year:

Board, \$5.00 to \$7.00 per week, for 38 weeks...	\$190.00	\$266.00
Washing .....	20.00	30.00
Light .....	5.00	20.00
	<u>\$215.00</u>	<u>\$316.00</u>
Total, from .....	391.00	to 616.00

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

<i>Biology 3-4</i>	\$10.00
<i>Biology 5-6</i>	6.00
<i>Biology 7-8</i>	10.00
<i>Chemistry 1</i>	3.00
<i>Chemistry 2</i>	10.00 and breakage
<i>Chemistry 3-4</i>	10.00 " "
<i>Chemistry 5</i>	10.00 " "
<i>Chemistry 6</i>	10.00 " "
<i>Geology 4</i>	3.00
<i>Physics 1-2</i>	3.00
<i>Physics 3-4</i>	10.00
<i>Physics 5-6</i>	10.00

All fees mentioned in this paragraph are paid directly to the respective departments at the beginning of the course.

An additional charge of \$10.00 is made on the last semester bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student

fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

To the above items must be added the expense of furnishing a room, cost of text-books, and incidentals. The amount of incidental expenses depends very much on the habits of the student.

Special damage done to college property by students will be charged to them.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, \$10; Juniors, \$20; Seniors, \$30.

Every student taking courses amounting to more than 16 hours per week at the beginning of any semester will be charged a supplementary fee of \$10 for the extra instruction of that semester; and every student taking courses amounting to more than 19 hours per week at the beginning of any semester will be charged a supplementary fee of \$20 for the extra instruction of that semester.

### COLLEGE ROOMS

The college has nine buildings used as dormitories. There are ten triple rooms, one hundred and fifty-three double rooms, and fifty-four single rooms. These accommodate about three hundred and ninety students. The buildings are heated from a central heating plant. Each man provides his own light. Each building has bath-room and toilet conveniences.

Necessary repairs are made by the college, but all additional work is at the expense of those who occupy the rooms.

There are three methods of securing rooms: by occupancy, by lot, and by application.

1 Up to May 1st of each year the two occupants of any room may retain their room for the ensuing college year by

renewing their application and paying half of the yearly charge. One student may hold his half of a double room by securing a room-mate from his own class or from an upper class.

2 The rooms not thus re-engaged are offered to the college classes in the order of seniority. The choice in each class is determined by lot, but no choice is allowed except to two members of the same class who wish to room together.

3 All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of choice comes, there is any room open that he desires. An early application is wise. If he wishes a double room, he must select his own room-mate at the time the application is filed, or take the next man on the application list.

To secure a room the applicant must sign the following paper:—

The undersigned hereby applies for the assignment to him of one-half of Room No.....in.....for the college year .....subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$..... payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made and no part thereof shall be refunded under any circumstances.

The payment of one half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured until both applications are on file with the Treasurer. Each occupant

of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. All things sent for the students during vacation should be sent in the care of the Superintendent of Buildings.

Those students who, from choice or necessity, room in town can obtain rooms at prices somewhat higher than the rates charged in college.

Descriptive lists and price lists of rooms and general information may be obtained on application to the Treasurer.

### COMMONS

A college commons has been established in Currier Hall accommodating about one hundred and thirty men. Meals are served at table d'hôte rates to students availing themselves regularly of the privilege, while an à-la-carte service is also provided. In addition to the dining room, a large and attractively furnished common room is maintained.

PRIZES AWARDED AT COMMENCEMENT, 1911  
THE BENEDICT PRIZES

*In Latin*

FIRST PRIZE—Leonard Swain .....Class of 1913  
SECOND PRIZE—Equally divided between John Joseph  
Danaher and Clyde Cantey McDuffie.....Class of 1913  
HONORABLE MENTION—Charles Randall Hart..... “ “ “

*In Greek*

FIRST AND SECOND PRIZES—Equally divided between  
Charles Randall Hart and Leonard Swain.....Class of 1913  
HONORABLE MENTION—James Monroe Walker..... “ “ “  
and Percival Wilcox Whittlesey..... “ “ 1912

*In French*

FIRST PRIZE—Arthur Lester Rae.....Class of 1911  
SECOND PRIZE—Equally divided between James Phin-  
ney Baxter, 3d, and Luke Garretson Thomas.....Class of 1914

*In German*

FIRST PRIZE—Charles Julius Bauerle, Jr.....Class of 1912  
SECOND PRIZE—Theodore Kendall Thurston..... “ “ “  
HONORABLE MENTION—Ronald Fabian Webster..... “ “ “

*In Mathematics*

FIRST PRIZE—Thomas Julius Shack.....Class of 1913  
SECOND PRIZE—John Joseph Danaher..... “ “ “  
HONORABLE MENTION—John Platt Hubbell..... “ “ “

*In Natural History*

FIRST PRIZE—George Wilson Van Gorder.....Class of 1911  
SECOND PRIZE—Langdon Thom Thaxter..... “ “ “

*In History*

FIRST PRIZE—Sterling Power Lamprecht.....Class of 1911  
SECOND PRIZE—Donald Ford ..... “ “ “

## PRIZE FOR PRIZES

Sterling Power Lamprecht.....Class of 1911

## WILLIAMS COLLEGE

## THE GRAVES PRIZES

*For Essays—Class of 1911*

Norman Keyes Bryant                      Reginald Dunderdale Forbes  
 John Welton Fisher, Jr.                  James Garfield  
 Sterling Power Lamprecht

*For Excellence in Delivery*

James Garfield

## THE RHETORICAL PRIZES

*General Prize*

Frank Prentice Rand .....Class of 1912

*Junior Prizes*

FIRST PRIZE—Charles Howell Shons.....Class of 1912

SECOND PRIZE—Charles Leslie Hedden..... " " "

*Sophomore Prize*

FIRST PRIZE—Schuyler Pratt .....Class of 1913

SECOND PRIZE—Allen Manvel Schauffler..... " " "

## PRIZES FOR PRELIMINARY TO NEW ENGLAND

## ORATORICAL CONTEST

FIRST PRIZE—Francis Michael Fallon.....Class of 1911

SECOND PRIZE—James Garfield ..... " " "

## THE VAN VECHTEN PRIZE

*For Extemporaneous Speaking*

Sterling Power Lamprecht .....Class of 1911

## DEBATING PRIZES

*Amherst-Wesleyan Preliminaries*

FIRST PRIZE—Sterling Power Lamprecht .....Class of 1911

SECOND PRIZE—Dwight Copley Pitcher..... " " 1913

THIRD PRIZE—Allen Manvel Schauffler..... " " "

*Dartmouth-Brown Preliminaries*

FIRST PRIZE—Equally divided between Francis Michael

Fallon and Reginald Dunderdale Forbes.....Class of 1911

SECOND PRIZE—Abbot Paige Mills..... " " "

THIRD PRIZE—Arthur Lessner Swift, Jr..... " " 1913

## THE DEWEY PRIZE

*For Excellence in Commencement Exercises*

Sterling Power Lamprecht.....Class of 1911

## THE RICE PRIZES

*In Latin*

FIRST PRIZE—Harry Knowles Messenger.....Class of 1911

SECOND PRIZE—Arthur Lester Rae.....“ “ “

*In Greek*

FIRST PRIZE—Harry Knowles Messenger.....Class of 1911

## BOOK PRIZES FROM THE RICE FUND

Guy Groustein Hopper .....Class of 1913

John Platt Hubbell.....“ “ “

John Miguel Martinez.....“ “ “

Thomas Ray Mather.....“ “ “

James Monroe Walker.....“ “ “

Percival Wilcox Whittlesey.....“ “ 1912

## THE DELANO PRIZES IN GREEK

FIRST PRIZE—Arthur Lester Rae.....Class of 1911

SECOND PRIZE—Harry Knowles Messenger.....“ “ “

THIRD PRIZE—Equally divided between Wynne Chard

Stevens .....Class of 1913

and Emerson Howland Swift.....“ “ 1912

## THE CANBY ATHLETIC PRIZE

Abbot Paige Mills.....Class of 1911

## THE HORACE F. CLARK PRIZE SCHOLARSHIPS

Ralph Mason Blake.....Class of 1911

Sterling Power Lamprecht.....“ “ “

## THE LATHERS GOLD MEDAL

Not awarded

## THE DAVID AMES WELLS PRIZE

William Smith McClellan.....Class of 1908

THE FRANKLIN STORY CONANT PRIZE IN BIOLOGY  
Not awarded

THE ADRIANCE PRIZE IN CHEMISTRY  
Raymond Canfield Dodd.....Class of 1911

PRIZE FOR FRESHMAN DECLAMATION CONTEST  
FIRST PRIZE—Carl Joseph Austrian.....Class of 1914  
SECOND PRIZE—Francis Robbins McCook..... “ “ “  
HONORABLE MENTION—Theodore Hamilton Dauchy... “ “ “

PHILADELPHIA 1895 ALUMNI CUP  
George Emerson Haynes.....Class of 1914

WILLIAMS COLLEGE GREEK FELLOWSHIP  
Harry Knowles Messenger.....Class of 1911



HONORS AWARDED AT COMMENCEMENT, 1911

CLASS HONORS

*Senior Honors:*

Harold Stanard Adams  
Ralph Mason Blake  
Thorn Dickinson

*Junior Honors:*

Charles Francis Hawkins

*Sophomore Honors:*

Leonard Swain

*Freshman Honors:*

James Phinney Baxter, 3d  
Carl Edward Glock

GENERAL FINAL HONORS

Ralph Mason Blake  
Sterling Power Lamprecht  
Abbot Paige Mills

FINAL HONORS IN SPECIAL FIELDS—CLASS OF 1911

Harold Stanard Adams—*Chemistry-Geology*  
Ralph Mason Blake—*German, Philosophy*  
Thorn Dickinson—*Mathematics, Physics*  
Stephen Girard Kent—*Mathematics*

# HOLDERS OF SCHOLARSHIPS SENIORS, JUNIORS, AND SOPHOMORES, CLASSES OF 1912, 1913, AND 1914

The following list of holders of scholarships is considered an "honor list." It includes the names of none who have not been in college for at least a year, and of none who failed to reach at least the grade of C for the last semester. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the work of the last semester, as explained in section 4 on page 123.

A few scholarships are dependent upon local considerations, or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

## GROUP II

1912	1913
Charles Julius Bauerle, Jr.	Thomas Ray Mather
Charles Francis Hawkins	
Ernest Little Wakefield	

## GROUP III

1912	1914
Lee Byron Baker	William Leonard Crum
Sidney Leavitt Pressey	John Dickinson Stevens

## GROUP IV

1912	1913
Thomas Harrison Card	William Boynton
Raymond Foster Marshall	John Joseph Danaher
George Lee Trumbull	George Selbie Gordon
	Guy Groustein Hopper
	Daniel Francis Hoar
	Clyde Cantey McDuffie
	John Richardson Miller

1914  
Roy Battenberg

GROUP V

1912

Lyndon Smith Beardslee  
Howard Townsend Heister  
Harry Perry Martin  
Paul Franklin Otis  
Frank Prentice Rand  
George Franklin Simson

1913

Newman Barnes Abercrombie  
Arthur James Daly  
John Beebe Gibson  
John Guy Prindle  
Emil Robert Stein, Jr.  
Wynne Chard Stevens

1914

John Greer Bartram  
Elmer Eckert Cornwell  
Howard Ernest Duryea  
Walter Erwin Johnson  
Ernest Orville Lothrop  
Jacob Chauncey Stone



## DEGREES CONFERRED IN 1911

## DEGREES IN COURSE

## BACHELOR OF ARTS

Harold Stanard Adams	James Garfield
Robert Powers Anderson	Merrill Newcomb Gates
Francis Loudon Andrews	Danforth Geer, Jr.
Jay Bernard Angevene	Robert William Gilmore
Edward Leonard Bacher	Henry Holland Goff
Cortlandt Beekman	Edwin Bulkley Gore
Ralph Boerne Bettman	Edward Center Groesbeck
Ralph Mason Blake	James Tracy Hale, Jr.
Herbert Bluthenthal	Henry Twitchell Hall
Herbert Fred Bohnet	John Daniel Hass
Charles Henry Breck Brackett	Clifford Hemphill
Edward Henry Brockway	Chester Dodd Heywood
George Bruce Brooks	Alexander Campbell Hooker
Norman Keyes Bryant	Leon Remy Hourdequin
Franklin Cline Buck	Ralph Edwin Howes
Miron Bunnell	Frank Jay Jerome
Norman Lee Burton	Guilford Jones
William James Cartwright	William Van Antwerp Kemp
Frank Speer Coan	Stephen Girard Kent
Frederick Littlefield Cobb	Harold Hunter Kissam
John Alfred Cogswell	August Klipstein, Jr.
Paul Clinton Cook	Sterling Power Lamprecht
Paul Dana	George Orr Latimer
Thorn Dickinson	Archie Howe Leland
Raymond Canfield Dodd	James Dowd Lester
William Vanderbilt Dolph	Wilfrid Vaughan Lewis
Alfred Elijah Edwards	Frederick Harrington Loomis
Allan Manro Eldredge	John Putnam Loomis
Samuel B. Emery	Forrest Frew Macnee
Francis Michael Fallon	Maurice Kirkley Mark
Edwin Albert Fish	Gregory Mason
John Walton Fisher, Jr.	Harry Knowles Messenger
Frank Fitt	Abbot Paige Mills
Seward Griffin Folsom	Charles Harold Alleyne Mott
Reginald Dunderdale Forbes	Floyd Irwin Newton
Donald Ford	Ralph Lawrence Oakley

LeRoy Parker Ogden	Charles Walter St. Denis
Marvin Olcott, Jr.	Henry Percy Shearman
Fletcher Douglas Parker	Robert Ostrander Starrett
John Virgil Parker	Stanley Weisel Stern
Herbert Charles Peter, Jr.	Harold Tilson Stetson
James Pomeroy Porter	Kenneth Montague Sturges
Sidney Powers	Clinton Combes Swan
Ernest Roland Preston	Lewis Taber Sweet
Edward Mailler Radway	Langdon Thom Thaxter
Arthur Lester Rae	George Wilson Van Gorder
Philip Cree Rider	Hubbell Brainerd West
Lloyd Robinson	William Walton Woolsey

## MASTER OF ARTS

Ernest Lindell Crandall

## HONORARY DEGREES

## MASTER OF ARTS

James Matthews Ide	William Chapman Spelman
Arthur Vincent Taylor	

## DOCTOR OF DIVINITY

William Caldwell Plunkett Rhoades	Henry Tatlock
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## DOCTOR OF LAWS

William Wallace Crapo	Alonzo Barton Hepburn
Herbert Putnam	

## STUDENTS

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### CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

Richard Orcutt Bailey, B.A., 1910, Williamstown  
*Chemistry      Mathematics*

Theodore Kendall Thurston, 1912, Portland, Me.  
*German      Economics*

Donald Skeelee Tucker, B.A., Colorado College  
Colorado Springs, Col.  
*Economics      History*

## SENIORS—CLASS OF 1912 \*

Charles Albert Anderson	<i>West Orange, N. J.</i>	Φ. Σ. K. House
Irwin Elkus Auerbach	<i>New York, N. Y.</i>	2 F. H.
Clifford Hogencamp Ayres	<i>Paterson, N. J.</i>	Θ. Δ. X. House
Lee Byron Baker	<i>Gardner</i>	22 E. C.
Edward Rice Bartlett	<i>Buffalo, N. Y.</i>	X. Ψ. Lodge
Loyd Hayward Bartlett	<i>Auburn, N. Y.</i>	Φ. Δ. Θ. House
Charles Julius Bauerle, Jr.	<i>Bloomfield, N. J.</i>	12 B. H.
Gerald Hyde Beard	<i>Minneapolis, Minn.</i>	9 B. H.
Lyndon Smith Beardslee	<i>Hartford, Conn.</i>	15 B. H.
Simmons Brown	<i>Portland, Me.</i>	K. A. Lodge
Morris Everett Bumpus	<i>Windsor</i>	10 B. H.
Benjamin Brown Burton	<i>Waterford, N. Y.</i>	Σ. Φ. Place
Thomas Harrison Card	<i>North Adams</i>	12 B. H.
Jay Wilbur Chapman, Jr.	<i>Jamaica Estates, N. Y.</i>	Δ. K. E. House
William Steele Brown Comstock	<i>Cleveland, O.</i>	Φ. Δ. Θ. House
Frederick Conger	<i>Brooklyn, N. Y.</i>	Σ. Φ. Place
Charles Bennett Cook, Jr.	<i>Fall River</i>	Σ. Φ. Place
Clarence Mannington Cossum	<i>Poughkeepsie, N. Y.</i>	A. Z. A. House
Clyde Huxster Crawford	<i>East Orange, N. J.</i>	23 E. C.
Thomas Worth Doan	<i>Richmond, Ind.</i>	5 M. H.
Harold Van Vechten Fay	<i>Auburn, N. Y.</i>	K. A. Lodge
Manning Cromwell Field	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Walter Cleveland Fried	<i>New York, N. Y.</i>	26 B. H.
Gilbert Wolf Gabriel	<i>New York, N. Y.</i>	20 B. H.
Ryerson Dudley Gates, Jr.	<i>Oak Park, Ill.</i>	Δ. K. E. House
Lewis Foster Gifford	<i>Chicago, Ill.</i>	Δ. T. House
Richard Gildersleeve	<i>Gildersleeve, Conn.</i>	X. Ψ. Lodge
John Calvin Goddard, Jr.	<i>Salisbury, Conn.</i>	Φ. Δ. Θ. House
Donald Leal Greenleaf	<i>Plainfield, N. J.</i>	10 F. H.

## \* LIST OF ABBREVIATIONS

The following abbreviations are used in the addresses of students :

B. H.	Berkshire Hall	J. H.	Jesup Hall
C. H.	College Hall	M. H.	Morgan Hall
Cr. H.	Currier Hall	T. B. L.	Thompson Biological Laboratory
E. C.	East College	T. C. L.	Thompson Chemical Laboratory
F. H.	Fayerweather Hall	T. P. L.	Thompson Physical Laboratory
		W. C.	West College



Bradford Hathaway	<i>Williamstown</i>	24 E. C.
Charles Francis Hawkins	<i>Warwick, N. Y.</i>	A. Z. A. House
Charles Leslie Hedden	<i>Newark, N. J.</i>	12 M. H.
Howard Townsend Heister	<i>Menands, N. Y.</i>	6 F. H.
Frederick Armitage Hewat	<i>Briggsville</i>	Θ. Δ. X. House
Charles Winthrop Hosley	<i>Warren</i>	7 B. H.
Wolcott Hubbell	<i>Ellensburg, Wash.</i>	Δ. K. E. House
Branton Holstein Kellogg	<i>Brookline</i>	St. Anthony Hall
Arthur Myndert Kimberly	<i>Watervliet, N. Y.</i>	15 B. H.
James Ernest King	<i>Toledo, O.</i>	X. Ψ. Lodge
Edward Augustus Lane	<i>Brooklyn, N. Y.</i>	A. Z. A. House
Alan Leggett	<i>Chatham, N. Y.</i>	Δ. T. House
Albert Munger Lewis	<i>Brooklyn, N. Y.</i>	Φ. Σ. K. House
Fred Edward Linder	<i>Williamsbridge, N. Y.</i>	22 J. H.
William McCredie, Jr.	<i>Elgin, Ill.</i>	Φ. Δ. Θ. House
Clyde Cantey McDuffie	<i>Washington, D. C.</i>	87 Meacham St.
Charles Kirk McFarlin	<i>East Orange, N. J.</i>	Δ. Δ. House
Perry Raymond Foster	<i>Marshall Newark, N. J.</i>	7 B. H.
Harry Perry Martin	<i>Williamstown</i>	Φ. Σ. K. House
John Dusenbury Matz	<i>Chicago, Ill.</i>	A. Δ. Φ. House
Ashley Pierce Robert Nagle,	<i>Worcester</i>	157 Main St.
B.A. (Clark Coll.) 1909		
Alexander Hill Neagle	<i>Elmira, N. Y.</i>	Θ. Δ. X. House
Paul Franklin Otis	<i>Scituate</i>	A. Z. A. House
Ernest Boynton Patten	<i>Dorchester</i>	24 E. C.
Lawrence Wood Peirson	<i>Pittsfield</i>	9 B. H.
Edwin Oscar Perrin	<i>Cambridge</i>	Φ. Σ. K. House
Sidney Leavitt Pressey	<i>Orange</i>	23 E. C.
Kenneth Talbot Price	<i>Chicago, Ill.</i>	30 B. H.
Maxon How Pulford	<i>Duluth, Minn.</i>	4 M. H.
John Wells Rahill	<i>Lawrenceville, N. J.</i>	Φ. Δ. Θ. House
Frank Prentice Rand	<i>Worcester</i>	Φ. Σ. K. House
Albert Cleveland Reed	<i>Seattle, Wash.</i>	9 Walden St.
Edwin Joseph Rogers	<i>New York, N. Y.</i>	22 E. C.
Robert Winthrop Seeley	<i>Williamstown</i>	College Place
Walter Adams Shaw	<i>New York, N. Y.</i>	Φ. Δ. Θ. House
Robert Deyo Sherman	<i>Nyack, N. Y.</i>	28 B. H.
Charles Howell Shons	<i>Washingtonville, N. Y.</i>	A. Δ. Φ. House
George Franklin Simson	<i>Lockport, N. Y.</i>	A. Z. A. House
Roger Vinton Snow	<i>Portland, Me.</i>	X. Ψ. Lodge
Wynne Chard Stevens	<i>Williamstown</i>	9 Walden St.

Frank Livingood Surls	<i>Williamstown</i>	20 Glen Road
Emerson Howland Swift	<i>New York, N. Y.</i>	Φ. Δ. Θ. House
Robert Wendell Taylor	<i>Auburn, N. Y.</i>	Φ. Ζ. Κ. House
Theodore Kendall Thurston	<i>Portland, Me.</i>	Χ. Ψ. Lodge
Frank Bosworth Tiebout	<i>Brooklyn, N. Y.</i>	Ζ. Ψ. House
James Foster Townsend	<i>Greenwich, N. Y.</i>	Α. Ζ. Α. House
George Lee Trumbull	<i>Greenwich, N. Y.</i>	Α. Ζ. Α. House
Leslie Marshall VanDeusen	<i>Hudson, N. Y.</i>	Ζ. Ψ. House
Robert Frederick Curt vonWitzleben	<i>New York, N. Y.</i>	Θ. Δ. Χ. House
Ernest Little Wakefield	<i>Sheffield</i>	10 B. H.
Kenneth Buchanan Wallace	<i>New York, N. Y.</i>	Α. Δ. Φ. House
Ronald Fabius Webster	<i>Evanston, Ill.</i>	Θ. Δ. Χ. House
Lawrence Charles Wellington	<i>Amherst</i>	Δ. Δ. House
Bryant Davis Wetherell	<i>Holyoke</i>	Δ. Κ. Ε. House
Clifford Henry White	<i>Lenox</i>	8 W. H.
Alan Griffith Whittemore	<i>Englewood, N. J.</i>	St. Anthony Hall
Percival Wilcox Whittlesey	<i>Middletown, Conn.</i>	12 W. C.
Francis Cogswell Wickes	<i>Rochester, N. Y.</i>	Δ. Δ. House
Clarence Stuart Alexander Williams	<i>Utica, N. Y.</i>	Α. Δ. Φ. House
William Hutcheson Windom	<i>Washington, D. C.</i>	4 M. H.
Total .....		89

## JUNIORS—CLASS OF 1913

Frank Prouty Abbott	<i>Goshen, Ind.</i>	Room A, F. H.
Newman Barnes Abercrombie	<i>Windsor</i>	7 E. C.
Walter Byron Adams	<i>Geneseo, N. Y.</i>	25 M. H.
Stanley Mason Babson	<i>South Orange, N. J.</i>	Z. Ψ. House
Henry Raymond Bacon	<i>Pittsfield</i>	A. Z. A. House
Henry Ward Banks, 3d	<i>New York, N. Y.</i>	K. A. Lodge
Alfred Clarke Bedford	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Brace Bennitt	<i>Springfield</i>	Δ. T. House
Samuel Sholes Berger	<i>Fredericksburg, Va.</i>	16 W. C.
Ronald Fletcher Bogle	<i>Wappingers Falls, N. Y.</i>	Θ. Δ. X. House
Donald Flagg Bowen	<i>Providence, R. I.</i>	9 W. C.
John Alden Bower	<i>Poughkeepsie, N. Y.</i>	18 M. H.
William Boynton	<i>St. Johnsbury, Vt.</i>	Φ. Σ. K. House
Leslie Kenneth Bradley	<i>New York, N. Y.</i>	K. A. Lodge
James Philip Cahen, Jr.	<i>New York, N. Y.</i>	27 B. H.
James Francis Carroll	<i>Troy, N. Y.</i>	Δ. T. House
William Brown Clarkson	<i>Brooklyn, N. Y.</i>	11 W. C.
Holland Coffin	<i>Northboro</i>	10 B. H.
Robert Crane	<i>Pelham Manor, N. Y.</i>	Σ. Φ. Place
Burton Sargeant Dake	<i>Cleveland, O.</i>	25 M. H.
Arthur James Daly	<i>New York, N. Y.</i>	A. Z. A. House
Henry Trumbull Dana	<i>Philadelphia, Pa.</i>	Δ. K. E. House
John Joseph Danaher	<i>Williamstown</i>	46 Meacham St.
George Allen Davis, Jr.	<i>Lancaster, N. Y.</i>	Φ. Σ. K. House
Henry Dearborn	<i>Rye, N. Y.</i>	A. Δ. Φ. House
Eugene Hoyne de Bronkart	<i>Chicago, Ill.</i>	X. Ψ. Lodge
Guy Eugene de Lagerberg	<i>Passaic, N. J.</i>	15 F. H.
John Clarke Dewey, Jr.	<i>Worcester</i>	K. A. Lodge
Ashley Weed Dickinson	<i>Duluth, Minn.</i>	Z. Ψ. House
John Owen Stearns Edwards	<i>Elizabeth, N. J.</i>	X. Ψ. Lodge
William Hinrichs Field	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Richard Starbuck Fielding	<i>Glens Falls, N. Y.</i>	Z. Ψ. House
Irving Duncan Fish	<i>Minneapolis, Minn.</i>	Σ. Φ. Place
Talbot Flanders	<i>Brookline</i>	4 B. H.
John Eliot Fowler	<i>Washington, D. C.</i>	Σ. Φ. Place
Edward Livingston Freeman	<i>Central Falls, R. I.</i>	Θ. Δ. X. House
John Beebe Gibson	<i>Waterloo, N. Y.</i>	A. Z. A. House

Huntington Gilchrist	Auburn, N. Y.	K. A. Lodge
George Selbie Gordon	Williamstown	31 Southworth St.
Durand Appleton Hall	Milwaukee, Wis.	Z. Ψ. House
Julian Delamater Hamlin	Chicago, Ill.	Φ. Δ. Θ. House
Charles Randall Hart	Buffalo, N. Y.	4 F. H.
Frederick Clowes Hewlett	Merrick, N. Y.	Φ. Σ. K. House
Philip Butler Heywood	Worcester	Z. Ψ. House
Daniel Francis Hoar	Troy, N. Y.	19 E. C.
Guy Groustein Hopper	Williamstown	81 Cole Ave.
Henry Greene Hotchkiss	New York, N. Y.	St. Anthony Hall
John Tasker Howard, Jr.	Glen Ridge, N. J.	Z. Ψ. House
John Platt Hubbell	Garden City, N. Y.	Δ. K. E. House
Chester Morse Jones	Newton Center	Φ. Δ. Θ. House
Rochester Burnett Jones	New York, N. Y.	Z. Ψ. House
Willis Webster Judd	Chicago, Ill.	10 W. C.
Frank Sampson Kelley	Chatham, N. J.	12 E. C.
Warren Post Kortright	Huntington, N. Y.	5 W. C.
Josiah Lasell	Whitinsville	8 W. C.
Loran Lodowick Lewis, 3d	Buffalo, N. Y.	28 M. H.
Richard Vaughan Lewis, Jr.	Irvington, N. Y.	28 M. H.
Ceylon Arthur Lyman	Minneapolis, Minn.	K. A. Lodge
William Thomson McKay	Fort Wayne, Ind.	X. Ψ. Lodge
John Aeneas Mackenzie	Lexington	7 B. H.
Roderick MacLeod	Newport, R. I.	Δ. Δ. House
John Miguel Martinez	New York, N. Y.	St. Anthony Hall
Thomas Ray Mather	Benton, Pa.	19 E. C.
Frederic Woehler Mears	Williamstown	Θ. Δ. X. House
Frederic Arnold Merrill	Dorchester	8 W. C.
Lewis Cuddeback Merritt	Goshen, N. Y.	29 B. H.
Sidney Morris Michael	Buffalo, N. Y.	X. Ψ. Lodge
John Richardson Miller	Leominster	20 E. C.
Charles Nelson Mortenson	Oak Park, Ill.	7 W. C.
Francis Stetson Mygatt	New York, N. Y.	Room A, F. H.
Henry Siller Narten	Cleveland, O.	X. Ψ. Lodge
Edgar Joshua Nathan, Jr.	New York, N. Y.	5 F. H.
Robert Elkan Naumburg	New York, N. Y.	18 B. H.
John Kewley Henshaw Nightingale, Jr.	Providence, R. I.	11 W. C.
Thomas Raymond Nusbickel	Lyons, N. Y.	Δ. T. House
Jerome Foote Page	Batavia, N. Y.	X. Ψ. Lodge
Carle Lawyer Parsons	Binghamton, N. Y.	Z. Ψ. House
Osgood Perry	Fitchburg	Δ. T. House

Charles Swayne Phillips	Upper Montclair, N. J.	Δ. K. E. House
Dwight Copley Pitcher	Utica, N. Y.	12 W. C.
Edward Merriam Powell	Grand Rapids, Mich.	31 M. H.
Schuyler Pratt	Tacoma, Wash.	10 W. C.
John Guy Prindle	Williamstown	31 Southworth St.
Wallace Rand, Jr.	Brookline	A. Z. A. House
William Thompson Rice	Pittsfield	Δ. K. E. House
Rush Hawkins Rogers	Orange, N. J.	K. A. Lodge
Laurence Rothfeld	New York, N. Y.	25 B. H.
Allen Manvel Schaufler	Highland Park, Ill.	31 M. H.
Thomas Julius Shack	New York, N. Y.	2 F. H.
Winthrop Lawrence Sheedy	Groton	Φ. Σ. K. House
George Marsden Shipton	Pittsfield	A. Z. A. House
Livingston Lyman Short	New York, N. Y.	St. Anthony Hall
Irving Frederick Smith	Watertown, Conn.	18 M. H.
Merritt Haviland Smith, Jr.	New York, N. Y.	Θ. Δ. X. House
Robert Kemble Smith	Hartford, Conn.	X. Ψ. Lodge
James Darrow Standish, Jr.	Detroit, Mich.	K. A. Lodge
Emil Robert Stein, Jr.	North Adams	North Adams
Joseph Kiddoo Surls	Williamstown	20 Glen Road
Leonard Swain	Pomfret Center, Conn.	St. Anthony Hall
Arthur Lessner Swift, Jr.	New York, N. Y.	18 M. H.
Henry Favill Tenney	Winnetka, Ill.	X. Ψ. Lodge
Charles Stanley Thompson	Minneapolis, Minn.	St. Anthony Hall
Oscar Stanley Thompson, Jr.	Orange, N. J.	8 E. C.
George Wheeler Trevor	Buffalo, N. Y.	Z. Ψ. House
William Mandeville Troy	Williamstown	4 B. H.
Charles Bach Utley	Buffalo, N. Y.	7 W. C.
Frederick Albert Vietor	New York, N. Y.	A. Δ. Φ. House
James Monroe Walker	Chicago, Ill.	9 W. C.
Augustus Cuddeback Wallace	Goshen, N. Y.	17 B. H.
Stirling Davis Ward	East Orange, N. J.	23 B. H.
Edward Richmond Ware	New York, N. Y.	St. Anthony Hall
Edward Higginson Williams, 3d	Woodstock, Vt.	Δ. Δ. House
Walter Halsey Young	New Rochelle, N. Y.	Φ. Δ. Θ. House

Total ..... 113

## SOPHOMORES—CLASS OF 1914

Clarence Cutler Abbott	<i>New York, N. Y.</i>	10 M. H.
Waldemar Patterson Adams	<i>Portland, Me.</i>	4 W. C.
Edwin Holmes Adriance	<i>New York, N. Y.</i>	14 W. C.
Rutherford Oakes Ainslie	<i>Oak Park, Ill.</i>	14 W. C.
John Ure Anderson	<i>Youngstown, O.</i>	17 Thomas St.
Thomas Calvin Atchison	<i>Lawrence</i>	12 F. H.
Carl Joseph Austrian	<i>New York, N. Y.</i>	7 F. H.
John Greer Bartram	<i>Lakeville, Conn.</i>	10 E. C.
Roy Battenberg	<i>Scranton, Pa.</i>	9 F. H.
James Phinney Baxter, 3d	<i>Portland, Me.</i>	32 M. H.
Gerhard Frederick Behre	<i>New Canaan, Conn.</i>	35 M. H.
Francis William Bliss	<i>New York, N. Y.</i>	47 Cole Ave.
Edgar Willis Bowne	<i>Flushing, N. Y.</i>	Φ. Δ. Θ. House
William Brace	<i>Highland Park, Ill.</i>	31 North St.
Cephas Brainerd, IV	<i>Haddam, Conn.</i>	20 E. C.
Robert Chesley Brewster	<i>Wolfeboro, N. H.</i>	35 Southworth St.
Cornelius Merrill Brown	<i>Matawan, N. J.</i>	Δ. T. House
Cyrus Perrin Brown, Jr.	<i>Providence, R. I.</i>	1 E. C.
John David Campbell	<i>Chicago, Ill.</i>	Δ. K. E. House
Freeman Clarkson, Jr.	<i>Brooklyn, N. Y.</i>	14 E. C.
Joseph Plumb Cochran	<i>Minneapolis, Minn.</i>	15 E. C.
Henry Howard Copeland	<i>Columbus, O.</i>	18 F. H.
Sanford Corey	<i>Portland, Me.</i>	7 M. H.
Harold Cobb Cowell	<i>Ashburnham</i>	14 E. C.
Ridgway Miller Cravens	<i>Williamstown</i>	22 B. H.
William Anderson Crosby	<i>La Crosse, Wis.</i>	28 B. H.
William Leonard Crum	<i>North Adams</i>	North Adams
George Terry Curtis	<i>Plattsburg, N. Y.</i>	3 E. C.
Theodore Hamilton Dauchy	<i>Brooklyn, N. Y.</i>	17 W. H.
John Goldthwait Davis	<i>Brookline</i>	1 W. C.
Charles Airmet DeLand, Jr.	<i>Warren</i>	18 Southworth St.
Norman Duffield	<i>Troy, N. Y.</i>	5 M. H.
Howard Ernest Duryea	<i>Riverhead, N. Y.</i>	Φ. Σ. K. House
Charles Franklyn Ely	<i>Westfield</i>	34 M. H.
Steuart Mackie Emery	<i>Morristown, N. J.</i>	Σ. Φ. Place
Samuel Scriven Evans, Jr.	<i>Paterson, N. J.</i>	9 M. H.
Herbert Edward Field	<i>Providence, R. I.</i>	14 Cr. H.
Loren Albert Fletcher	<i>Blue Island, Ill.</i>	Z. Ψ. House

Lyman Sheridan Frazier	<i>Amsterdam, N. Y.</i>	6 B. H.
Stephen Luther French	<i>Fall River</i>	15 M. H.
Alfred Warren Gale	<i>Troy, N. Y.</i>	6 B. H.
Mason Garfield	<i>Williamstown</i>	15 W. C.
Joseph White Geer	<i>New York, N. Y.</i>	38 M. H.
Fletcher Ladd Gill	<i>West Newton</i>	Θ. Δ. X. House
John Westfield Gillette, Jr.	<i>Hudson, N. Y.</i>	22 F. H.
Carl Edward Glock	<i>Johnstown, Pa.</i>	9 M. H.
Gerald Louis Goldsmit	<i>Pittsburgh, Pa.</i>	23 M. H.
Edwin Saffen Graham	<i>New York, N. Y.</i>	36 M. H.
James Thomas Greene	<i>Slatersville, R. I.</i>	Θ. Δ. X. House
Alan Archibald Hammond	<i>Columbus, O.</i>	18 F. H.
George Emerson Haynes	<i>Adams</i>	153 Main St.
Allston Headley	<i>Albany, N. Y.</i>	14 M. H.
Henry Solomon Hendricks	<i>New York, N. Y.</i>	8 F. H.
George William Higinbotham	<i>Victor, N. Y.</i>	14 M. H.
Walter Mills Hinkle	<i>New York, N. Y.</i>	9 F. H.
Robert Rollin Jewett	<i>Aberdeen, S. D.</i>	16 M. H.
Walter Erwin Johnson	<i>Wolcott, N. Y.</i>	9 E. C.
David Gale Jones	<i>Minneapolis, Minn.</i>	6 W. H.
Herbert Du Noyer Jones	<i>Brooklyn, N. Y.</i>	13 M. H.
Lawrence Albert Kohn	<i>New York, N. Y.</i>	9 W. H.
Clive Woodbury Lacy	<i>Dubuque, Ia.</i>	20 F. H.
Henry Manchester Ladd, Jr.	<i>Rutherford, N. J.</i>	22 M. H.
Meredith Clearman Laffey	<i>Newark, N. J.</i>	2 W. C.
Harold Price Landers	<i>Gilbertville</i>	1 C. H.
John Howard Lawson	<i>New York, N. Y.</i>	1 M. H.
Charles Willard Lester	<i>Saratoga Springs, N. Y.</i>	33 M. H.
Henry Martyn Lester, Jr.	<i>New Rochelle, N. Y.</i>	2 W. C.
George Joseph Levi	<i>New York, N. Y.</i>	184 Main St.
Edward Converse Lincoln	<i>Springfield</i>	15 W. C.
Kenneth Chandler Lincoln	<i>Fall River</i>	2 W. H.
Robert Davis Longyear	<i>Minneapolis, Minn.</i>	5 W. H.
Horace Miller Lothman	<i>Cincinnati, O.</i>	K. A. Lodge
Ernest Orville Lothrop	<i>Leominster</i>	7 E. C.
Francis Robbins McCook	<i>Steubenville, O.</i>	18 E. C.
Donald Mackenzie	<i>Flushing, N. Y.</i>	16 M. H.
Frederick Whittlesey McKown	<i>Rochester, N. Y.</i>	21 F. H.
James McKown, Jr.	<i>Rochester, N. Y.</i>	21 F. H.
Edwin Sidney McManus	<i>New York, N. Y.</i>	21 B. H.
Charles Martin Marchand	<i>Canton, O.</i>	15 M. H.

Jerome Eisman Markstein	<i>Binghamton, N. Y.</i>	23 M. H.
William Pitt Mason, Jr.	<i>Troy, N. Y.</i>	K. A. Lodge
Edwin Post Maynard, Jr.	<i>Brooklyn, N. Y.</i>	38 M. H.
John Harbeck Meeker	<i>East Orange, N. J.</i>	18 Spring St.
David Moffat	<i>Brooklyn, N. Y.</i>	13 M. H.
Willson Bridges Moody	<i>Evanston, Ill.</i>	6 M. H.
John Chapin Mosher	<i>Albany, N. Y.</i>	5 E. C.
Robert Ray Newton	<i>Lenox</i>	9 E. C.
Addison Hurlbutt Northrop	<i>Norwich, Conn.</i>	4 W. C.
Charles Frederic Olmsted, Jr.	<i>Grand View, Tenn.</i>	Danforth Block
Franklin Fessenden Olmsted	<i>Rhinebeck, N. Y.</i>	16 E. C.
Arthur Newton Pack	<i>Lakewood, N. J.</i>	5 W. H.
Lucien Dean Pearson	<i>Hartford, Conn.</i>	26 M. H.
Reginald Dwight Perry	<i>Fitchburg</i>	22 M. H.
Alfred Perkins Pillsbury	<i>Springfield</i>	Σ. Φ. Place
Joseph Douglas Porter	<i>Cincinnati, O.</i>	16 B. H.
Philip Childs Potter	<i>New York, N. Y.</i>	29 M. H.
Dwight Harold Pratt	<i>Cincinnati, O.</i>	5 E. C.
Leonard Sidney Prince	<i>New York, N. Y.</i>	2 Cr. H.
Francis Russell Rising	<i>Lancaster, O.</i>	3 M. H.
John Harold Robinson	<i>Hudson, N. Y.</i>	270 Main St.
David James Robison	<i>Toledo, O.</i>	Δ. Δ. House
Albert Wright Rockwood	<i>West Medford</i>	10 E. C.
James Pratt Rogers	<i>New Britain, Conn.</i>	16 E. C.
John Stanton Rogers	<i>West Newbury</i>	22 F. H.
John Douglas Miller Royal	<i>Harrisburg, Pa.</i>	14 W. H.
John Lazear Sly	<i>Warwick, N. Y.</i>	5 W. C.
George William Smith	<i>White River Jc., Vt.</i>	Σ. Φ. Place
Lewis Holman Smith	<i>Washington, Conn.</i>	13 F. H.
Robert Parker Staats, 2d	<i>New York, N. Y.</i>	Φ. Δ. Θ. House
John Dickinson Stevens	<i>Lee</i>	15 E. C.
Jacob Chauncey Stone	<i>North Adams</i>	North Adams
Edward Hatch Titus, Jr.	<i>Closter, N. J.</i>	26 M. H.
Oliver Wolcott Toll	<i>Denver, Col.</i>	Δ. Δ. House
John Dunham Townsend	<i>New York, N. Y.</i>	10 M. H.
William Bradford Turner	<i>Boston</i>	32 M. H.
Ward Van Alstyne	<i>Milwaukee, Wis.</i>	1 W. H.
Clinton Spooner Van Cise	<i>Summit, N. J.</i>	3 W. C.
Durand Halsey Van Doren	<i>East Orange, N. J.</i>	2 W. H.
James Taylor Van Steenberg	<i>New York, N. Y.</i>	Δ. T. House
Calvin Pitts Vary	<i>Newark, N. Y.</i>	X. Ψ. Lodge



WILLIAMS COLLEGE

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Albert Vinal	<i>Newton Center</i>	3 B. H.
Webb Isaiah Vorys	<i>Columbus, O.</i>	3 M. H.
Richmond Walker	<i>Brookline</i>	37 M. H.
Richard Ellsworth Weeks	<i>Shelburne, Vt.</i>	18 E. C.
Harvey Elijah Wellman	<i>Providence, R. I.</i>	3 W. C.
Elmer Kraus Weppner	<i>Buffalo, N. Y.</i>	13 F. H.
William Luke Wessels	<i>Amsterdam, N. Y.</i>	Φ. Σ. K. House
Paul Stuart Winslow	<i>River Forest, Ill.</i>	St. Anthony Hall
Lawrence Baker Woodard	<i>Minneapolis, Minn.</i>	Θ. Δ. Χ. House
William Ozmun Wyckoff	<i>Ithaca, N. Y.</i>	1 W. C.
Samuel Dow Wyman	<i>Pittsfield</i>	30 M. H.
Total .....		131

## FRESHMEN—CLASS OF 1915

John Hascall Abbott	<i>Goshen, Ind.</i>	11 E. C.
Harold Manning Adams	<i>Weedsport, N. Y.</i>	13 B. H.
Harris Ely Adriance, Jr.	<i>New York, N. Y.</i>	A. A. ♀. House
Columbus Delano Ames	<i>Baltimore, Md.</i>	29 M. H.
Berrien Palmer Anderson	<i>San Rafael, Cal.</i>	2 M. H.
Arthur Allan Andrews	<i>Canandaigua, N. Y.</i>	28 Hoxsey St.
William Russell Augur	<i>Brooklyn, N. Y.</i>	19 W. H.
Robert Weston Babcock	<i>Chicago, Ill.</i>	20 Hoxsey St.
Lester Roberts Badger	<i>Minneapolis, Minn.</i>	6 W. H.
Charles Henry Baner	<i>Philadelphia, Pa.</i>	11 Cr. H.
Eric McCoy Beach	<i>Orange, N. J.</i>	3 E. C.
Franklin Edwards Bernsten	<i>East Orange, N. J.</i>	6 Cr. H.
Frank Bevan	<i>North Adams</i>	North Adams
Dayton Curtis Beverly	<i>Fort Edward, N. Y.</i>	14 Cr. H.
Lloyd Bissell	<i>Buffalo, N. Y.</i>	23 F. H.
Graham Blandy	<i>Greenwich, N. Y.</i>	22 W. H.
Raymond Curtis Bloom	<i>Auburn, N. Y.</i>	1 F. H.
William Booth	<i>Sewickley, Pa.</i>	4 E. C.
Farnam Jay Bowen	<i>Lowville, N. Y.</i>	12 E. C.
Edwin Laurence Bowes	<i>Chicago, Ill.</i>	3 Cr. H.
William Ketcham Bowes	<i>Chicago, Ill.</i>	3 Cr. H.
Charles William Brackett	<i>Saratoga Springs, N. Y.</i>	30 Hoxsey St.
Barron Brainerd	<i>Brookline</i>	1 W. H.
William Randiette Brock	<i>Paterson, N. J.</i>	18 Cr. H.
George Washington Brodie, Jr.	<i>Ozone Park, N. Y.</i>	4 C. H.
Walter Carlos Bronson	<i>Ottawa, Canada</i>	27 J. H.
Arthur Lyle Bunnell	<i>Brooklyn, N. Y.</i>	30 M. H.
Persons LaBarre Campbell	<i>Toledo, O.</i>	18 W. H.
Ralph MacKenzie Campbell	<i>East Orange, N. J.</i>	12 F. H.
James Graham Cannon, Jr.	<i>Scarsdale, N. Y.</i>	5 B. H.
Alexander Hayward Cathcart	<i>St. Paul, Minn.</i>	7 Cr. H.
James Adams Cathcart	<i>St. Paul, Minn.</i>	7 Cr. H.
Rodman Wright Chamberlain	<i>New Britain, Conn.</i>	37 M. H.
John Churchill	<i>Louisville, Ky.</i>	4 W. H.
John Hallett Clark, Jr.	<i>Glenbow, Canada</i>	11 E. C.
Caspar William Clarke	<i>Seattle, Wash.</i>	28 W. H.
Eugene Maurice Cole	<i>Plattsburgh, N. Y.</i>	11 M. H.

Howard Chappel Cole	Plattsburgh, N. Y.	11 M. H.
Douglas Rulison Coleman	Englewood, N. J.	21 W. H.
Theodore Brigham Conklin	New Rochelle, N. Y.	27 W. H.
Peter Fries Connor	Rock Island, Ill.	1 B. H.
Howard Holden Cooke	Brooklyn, N. Y.	Σ. Φ. Place
Horace Ranney Corner	Cleveland, O.	11 F. H.
Harold Frederick Cowperthwaite	Westfield, N. J.	30 W. H.
Donald Crane	Pelham Manor, N. Y.	24 M. H.
Douglas Crawford	Kent, Conn.	24 W. H.
William Ballou Crosman	Auburn, N. Y.	34 M. H.
Conrad Ford Cutler	Mt. Hermon	6 E. C.
Robert Stevens Davis	Meriden, Conn.	31 W. H.
Wolfram Charles Franklin Day	New York, N. Y.	5 C. H.
Elliott Debevoise	South Orange, N. J.	10 Cr. H.
John Martin Deely	Lee	13 Cr. H.
Ira Millard Dempsey	Johnstown, Pa.	10 W. H.
David Short Dennison	Youngstown, O.	16 F. H.
Franklin Clyde Doane	Plainfield, N. J.	Δ. T. House
Keith Francis Driscoll	Syracuse, N. Y.	14 F. H.
Norman Delafield DuBois	Montclair, N. J.	Σ. Φ. Place
Berrien Clark Eaton	Detroit, Mich.	28 Hoxsey St.
Webster Wright Eaton	Columbus, O.	1 Cr. H.
Howard Parmelee Eells, Jr.	Cleveland, O.	24 B. H.
George Goodman Ernst	New York, N. Y.	7 F. H.
Beverly Montagu Eyre	Stapleton, N. Y.	Φ. Σ. K. House
Willis Ward Fay	Auburn, N. Y.	15 Cr. H.
John William Ferguson, Jr.	Paterson, N. J.	25 Hoxsey St.
Harold Howell Fish	Middletown, N. Y.	7 M. H.
Herbert Lincoln Frink	Holyoke	153 Main St.
Louis Fulton	Massena, N. Y.	14 F. H.
Thomas Foster Furness	Brookline	81 Park St.
John Newell Garfield	West Mentor, O.	21 W. H.
John Wily Garrett	St. Louis, Mo.	24 W. H.
Russell Bare Garver	Roaring Spring, Pa.	19 W. H.
John Mason Gilchrist	Auburn, N. Y.	1 F. H.
Roger Morton Gildersleeve	Poughkeepsie, N. Y.	9 Cr. H.
Randolph Wyman Gleason	Lowell	6 F. H.
Robert Noble Taber Golding	New York, N. Y.	16 W. H.
Robert Julius Goldman	New York, N. Y.	5 Cr. H.
Howard Thomas Greene	Milwaukee, Wis.	20 W. H.
David Gilbert Gregor	Watertown, N. Y.	30 W. H.

Alexander Michel Guiterman	<i>St. Paul, Minn.</i>	13 C. H.
William Lawrence Guthrie	<i>New York, N. Y.</i>	13-14 B. H.
Henry Tracy Hale	<i>Towanda, Pa.</i>	20 M. H.
Charles Blake Hall	<i>Orange, N. J.</i>	29 J. H.
Robert Joseph Hamerslag	<i>New York, N. Y.</i>	26 J. H.
George Harold Harder	<i>Philmont, N. Y.</i>	4 W. H.
Donald Ryan Harris	<i>Arden, N. C.</i>	3 C. H.
Stockton Harter	<i>Canton, O.</i>	Θ. Δ. X. House
Herbert Spencer Havens	<i>Tivoli, N. Y.</i>	19 C. H.
Edward Marion Hay	<i>Olympia, Wash.</i>	12 Cr. H.
Charles Myron Hayden	<i>Housatonic</i>	6 E. C.
Laurance Stanford Haynes	<i>Springfield</i>	29 W. H.
Ernest Myers Hedden	<i>Newark, N. J.</i>	12 M. H.
Olyn Daffan Hemming	<i>Colorado Springs, Col.</i>	Α. Δ. Φ. House
James Frederic Herrick	<i>New York, N. Y.</i>	14 W. H.
Byron Moore Herrington	<i>Greenwich, N. Y.</i>	26 W. H.
Karl Hofmann Hodge	<i>St. Louis, Mo.</i>	2 M. H.
Richard Hallaran Hodge	<i>Toledo, O.</i>	18 W. H.
Herbert Roy Horton	<i>Albany, N. Y.</i>	8 C. H.
George Loring Hubbell, Jr.	<i>Garden City, N. Y.</i>	31 W. H.
Norman Frothingham Hunnewell	<i>Chelsea</i>	X. Ψ. Lodge
John B. Hunter	<i>Evanston, Ill.</i>	6 W. C.
Paul Hull Hyde	<i>Wichita, Kan.</i>	20 F. H.
Jack Butler Johnstone	<i>New York, N. Y.</i>	9 Cr. H.
James Abraham Jonas	<i>New York, N. Y.</i>	2 C. H.
George Cregan Keady	<i>Brooklyn, N. Y.</i>	17 M. H.
Daniel Schneck Keller	<i>Lancaster, Pa.</i>	3 F. H.
Tuthill Ketcham	<i>Englewood, N. J.</i>	24 M. H.
Morris James Kidder	<i>Essex Junction, Vt.</i>	4 E. C.
Stuart English Kimball	<i>Hood River, Ore.</i>	2 B. H.
George King	<i>Scarsdale, N. Y.</i>	5 B. H.
Henry Randolph Knowlton	<i>New York, N. Y.</i>	15 Cr. H.
Thomas Alexander Langford	<i>New York, N. Y.</i>	13 W. H.
Francis Anthony Lavigne	<i>Spokane, Wash.</i>	28 W. H.
Gillet Lefferts	<i>New York, N. Y.</i>	13 W. C.
John Nestell Leonard	<i>New York, N. Y.</i>	19 Cr. H.
Raymond Flint Long	<i>Summit, N. J.</i>	6 Cr. H.
Clyde Stanley Longyear	<i>Minneapolis, Minn.</i>	13 B. H.
Kenneth Gaston McClure	<i>New York, N. Y.</i>	7 Spring St.
John Alan MacGruer	<i>Syracuse, N. Y.</i>	6 M. H.
Donald Sage Mackay	<i>Williamstown</i>	Δ. Δ. House

Norman Hillard MacLeish	<i>Glencoe, Ill.</i>	17 Cr. H.
Frank Angelo MacNamee, Jr.	<i>Albany, N. Y.</i>	31 W. H.
Charles Rust Macpherson	<i>Saginaw, Mich.</i>	28 Hoxsey St.
Frank LeRoi Main	<i>New York, N. Y.</i>	1 W. H.
Edward Louis Martinez	<i>New York, N. Y.</i>	3 W. H.
Gordon Hunt Michler	<i>Greenwich, Conn.</i>	1 B. H.
Barry Lincoln Morgan	<i>Elgin, Ill.</i>	16 C. H.
Edwin Gates Nash	<i>Nettleton, Ark.</i>	20 Hoxsey St.
James Fay Newton	<i>Fulton, N. Y.</i>	2 E. C.
Frederick Warren Oakes, Jr.	<i>Denver, Col.</i>	11 W. H.
Joseph Aloysius Fizez O'Brien	<i>Bennington, Vt.</i>	12 Thomas St.
Charles Marcus Osborn, III	<i>Indianapolis, Ind.</i>	15 W. H.
Ralph Finch Palmer	<i>Brooklyn, N. Y.</i>	Room D, C. H.
Edgar Burnside Parsons	<i>Binghamton, N. Y.</i>	17 Cr. H.
William Kennell Paton	<i>Paterson, N. J.</i>	18 Cr. H.
Andrew Fleming Patterson	<i>New York, N. Y.</i>	16 W. H.
Phillips Merrill Payson	<i>Portland, Me.</i>	11 W. H.
Alexander Stuart Peabody	<i>New York, N. Y.</i>	3 W. H.
Charles Blanchard Phelps, Jr.	<i>Detroit, Mich.</i>	1 E. C.
Edward Erskine Porter	<i>Brooklyn, N. Y.</i>	25 W. H.
Robert Ellsworth Power	<i>St. Paul, Minn.</i>	8 M. H.
Kent Holeman Powers	<i>Minneapolis, Minn.</i>	12 Cr. H.
Henry Townsend Pratt	<i>Milwaukee, Wis.</i>	16 Cr. H.
David Remer	<i>New York, N. Y.</i>	27 W. H.
William Schreuder Rhoades	<i>Brooklyn, N. Y.</i>	25 W. H.
Donald Lewis Richards	<i>Westfield</i>	29 W. H.
Charles Henry Robinson, Jr.	<i>Portland, Me.</i>	35 M. H.
Tracy Lesman Rothfeld	<i>New York, N. Y.</i>	2 Cr. H.
Louis Rudnick	<i>Williamstown</i>	127 Cole Ave.
Harry Albertis Sessions	<i>Palmyra, N. Y.</i>	Room A, C. H.
Clinton Whitcomb Sheafer	<i>Pottsville, Pa.</i>	33 M. H.
Malcolm Clarke Sherwood	<i>Springfield</i>	26 M. H.
Alfred Shriver	<i>New Brighton, N. Y.</i>	26 W. H.
Amory Standish Skerry	<i>Montclair, N. J.</i>	10 Cr. H.
Thomas August Slattery	<i>Troy, N. Y.</i>	2 E. C.
Andrew Raymond Smith	<i>Bridgeport, Conn.</i>	8 M. H.
Bruce Messer Smith	<i>Pittsfield</i>	13 Cr. H.
Francis Seifert Smith, Jr.	<i>Waban</i>	3 B. H.
John Julien Smith	<i>Bronxville, N. Y.</i>	24 W. H.
Robert Lansing Smith	<i>Poughkeepsie, N. Y.</i>	2 B. H.
Woodruff Smith	<i>Pittsburgh, Pa.</i>	11 C. H.

Harold Allen Spring	<i>Franklinville, N. Y.</i>	20 M. H.
Thomas Stuart Squire	<i>Buffalo, N. Y.</i>	12 W. H.
Edward Weisel Stern	<i>New York, N. Y.</i>	19 B. H.
John Newell Stone	<i>Springfield</i>	Σ. Φ. Place
David Durell Stueck	<i>Jersey City, N. J.</i>	27 J. H.
Robert Burrough Swain	<i>Pomfret Center, Conn.</i>	22 W. H.
George Clarke Swan	<i>Pittsburgh, Pa.</i>	21 Southworth St.
Alfred Leslie Taylor	<i>Gleasondale</i>	17 C. H.
Arthur Temple	<i>Texarkana, Ark.</i>	19 Cr. H.
Horace Kent Tenney, Jr.	<i>Winnetka, Ill.</i>	20 W. H.
Howell Kellogg Thayer	<i>Northampton</i>	25 Hoxsey St.
Luke Garretson Thomas	<i>New York, N. Y.</i>	26 M. H.
Wallace Bradley Thompson	<i>Orange, N. J.</i>	8 E. C.
Joseph Haas Titus	<i>Pittsfield</i>	3 F. H.
Cyprian Andrew Toolan	<i>North Adams</i>	North Adams
Mason Turner	<i>Torrington, Conn.</i>	8 Cr. H.
John Cowperthwait Tyler	<i>Brooklyn, N. Y.</i>	11 Cr. H.
Rudolf deLuce van Hoesenberg	<i>New York, N. Y.</i>	Δ. Δ. House
George Whitfield Van Slyck	<i>Providence, R. I.</i>	17 W. H.
Rodney Corning Ward	<i>Brooklyn, N. Y.</i>	8 Cr. H.
Rowland Westcott Waterbury	<i>Saratoga Springs, N. Y.</i>	16 F. H.
Albert Perry Waterman, Jr.	<i>Orange, N. J.</i>	157 Main St.
Paul Brown West	<i>Glens Falls, N. Y.</i>	Φ. Δ. Θ. House
John Franklin Wharton	<i>East Orange, N. J.</i>	21 M. H.
Kneeland Ball Wilkes	<i>Buffalo, N. Y.</i>	12 W. H.
Henry Alexander Williams	<i>Westfield</i>	87 Meacham St.
Lessing Whitford Williams	<i>New York, N. Y.</i>	15 C. H.
Norman Williams	<i>Woodstock, Vt.</i>	15 W. H.
Theodore Ryder Williams	<i>Malden</i>	23 J. H.
Oliver James Wilson	<i>Malden</i>	23 J. H.
Reginald Whitmore Windram	<i>Brookline</i>	23 F. H.
Donald Winston	<i>Minneapolis, Minn.</i>	23 W. H.
Frederick Schaefer Winston	<i>Minneapolis, Minn.</i>	23 W. H.
Kenneth Barrow Wood	<i>Brooklyn, N. Y.</i>	21 M. H.
Harold Frederic Wooster	<i>Albany, N. Y.</i>	Δ. K. E. House
Paul Pickering Wrigley	<i>Brooklyn, N. Y.</i>	17 M. H.
Max Lewis Young, Jr.	<i>New York, N. Y.</i>	1 Cr. H.

Total ..... 197

## SUMMARY BY CLASSES

SENIORS .....	89
JUNIORS .....	113
SOPHOMORES .....	131
FRESHMEN .....	197
GRADUATE STUDENTS: RESIDENT .....	3
TOTAL .....	<u>533</u>

## SUMMARY BY STATES

NEW YORK .....	209
MASSACHUSETTS .....	100
NEW JERSEY .....	49
ILLINOIS .....	27
OHIO .....	23
CONNECTICUT .....	21
MINNESOTA .....	19
PENNSYLVANIA .....	15
MAINE .....	9
RHODE ISLAND .....	9
VERMONT .....	7
WASHINGTON .....	6
WISCONSIN .....	5
INDIANA .....	5
MICHIGAN .....	5
COLORADO .....	4
DISTRICT OF COLUMBIA .....	3
ARKANSAS .....	2
MISSOURI .....	2
MARYLAND .....	1
OREGON .....	1
CALIFORNIA .....	1
IOWA .....	1

KANSAS .....	1
KENTUCKY .....	1
NEW HAMPSHIRE .....	1
NORTH CAROLINA .....	1
SOUTH DAKOTA .....	1
TENNESSEE .....	1
VIRGINIA .....	1
CANADA .....	2
	<hr/>
TOTAL .....	533
	<hr/>



## ALPHABETICAL LIST OF NAMES

- |   |  |
|---|--|
| Abbott, Clarence Cutler, <i>Soph.</i>   | Battenberg, Roy, <i>Soph.</i>            |
| Abbott, Frank Prouty, <i>Jr.</i>        | Bauerle, Charles Julius, Jr., <i>Sr.</i> |
| Abbott, John Hascall, <i>Fr.</i>        | Baxter, James Phinney, 3d, <i>Soph.</i>  |
| Abercrombie, Newman Barnes, <i>Jr.</i>  | Beach, Eric McCoy, <i>Fr.</i>            |
| Adams, Harold Manning, <i>Fr.</i>       | Beard, Gerald Hyde, <i>Sr.</i>           |
| Adams, Waldemar Patterson,              | Beardslee, Lyndon Smith, <i>Sr.</i>      |
| <i>Soph.</i>                            | Bedford, Alfred Clarke, <i>Jr.</i>       |
| Adams, Walter Byron, <i>Jr.</i>         | Behre, Gerhard Frederick, <i>Soph.</i>   |
| ADAMS, WILLIAM WISNER, <i>Trustee</i>   | Bennitt, Brace, <i>Jr.</i>               |
| Adriance, Edwin Holmes, <i>Soph.</i>    | Berger, Samuel Sholes, <i>Jr.</i>        |
| Adriance, Harris Ely, Jr., <i>Fr.</i>   | Bernsten, Franklin Edwards, <i>Fr.</i>   |
| AGARD, HARRY LESLIE, <i>Inst.</i>       | Bevan, Frank, <i>Fr.</i>                 |
| Ainslie, Rutherford Oakes, <i>Soph.</i> | Beverly, Dayton Curtis, <i>Fr.</i>       |
| ALLEN, SAMUEL EDWARD, <i>Inst.</i>      | Bissell, Lloyd, <i>Fr.</i>               |
| Ames, Columbus Delano, <i>Fr.</i>       | Blandy, Graham, <i>Fr.</i>               |
| Anderson, Berrien Palmer, <i>Fr.</i>    | Bliss, Francis William, <i>Soph.</i>     |
| Anderson, Charles Albert, <i>Sr.</i>    | Bloom, Raymond Curtis, <i>Fr.</i>        |
| Anderson, John Ure, <i>Soph.</i>        | Bogle, Ronald Fletcher, <i>Jr.</i>       |
| Andrews, Arthur Allan, <i>Fr.</i>       | Booth, William, <i>Fr.</i>               |
| ATCHISON, CLYDE SHEPHERD, <i>Inst.</i>  | Bowen, Donald Flagg, <i>Jr.</i>          |
| Atchison, Thomas Calvin, <i>Soph.</i>   | Bowen, Farnam Jay, <i>Fr.</i>            |
| Auerbach, Irwin Elkus, <i>Sr.</i>       | Bower, John Alden, <i>Jr.</i>            |
| Augur, William Russell, <i>Fr.</i>      | Bowes, Edwin Laurence, <i>Fr.</i>        |
| Austrian, Carl Joseph, <i>Soph.</i>     | Bowes, William Ketcham, <i>Fr.</i>       |
| Ayres, Clifford Hogencamp, <i>Sr.</i>   | Bowne, Edgar Willis, <i>Soph.</i>        |
| Babcock, Robert Weston, <i>Fr.</i>      | Boynton, William, <i>Jr.</i>             |
| Babson, Stanley Mason, <i>Jr.</i>       | Brace, William, <i>Soph.</i>             |
| Bacon, Henry Raymond, <i>Jr.</i>        | Brackett, Charles William, <i>Fr.</i>    |
| Badger, Lester Roberts, <i>Fr.</i>      | Bradley, Leslie Kenneth, <i>Jr.</i>      |
| BAILEY, RICHARD ORCUTT, <i>Asst.</i>    | Brainerd, Barron, <i>Fr.</i>             |
| Baker, Lee Byron, <i>Sr.</i>            | Brainerd, Cephas, IV, <i>Soph.</i>       |
| Banes, Charles Henry, <i>Fr.</i>        | Brewster, Robert Chesley, <i>Soph.</i>   |
| Banks, Henry Ward, 3d, <i>Jr.</i>       | Brock, William Randlette, <i>Fr.</i>     |
| Bartlett, Edward Rice, <i>Sr.</i>       | Brodie, George Washington, Jr.,          |
| Bartlett, Loyd Hayward, <i>Sr.</i>      | <i>Fr.</i>                               |
| BARTON, FRANCIS BROWN, <i>Inst.</i>     | Bronson, Walter Carlos, <i>Fr.</i>       |
| Bartram, John Greer, <i>Soph.</i>       | Brown, Cornelius Merrill, <i>Soph.</i>   |

- Brown, Cyrus Perrin, Jr., *Soph.*  
 Brown, Simmons, *Sr.*  
 BUFFINTON, ARTHUR HOWLAND,  
*Inst.*  
 Bumpus, Morris Everett, *Sr.*  
 Bunnell, Arthur Lyle, *Fr.*  
 Burton, Benjamin Brown, *Sr.*  
 Cahen, James Philip, Jr., *Jr.*  
 Campbell, John David, *Soph.*  
 Campbell, Persons LaBarre, *Fr.*  
 Campbell, Ralph MacKenzie, *Fr.*  
 Cannon, James Graham, Jr., *Fr.*  
 Card, Thomas Harrison, *Sr.*  
 Carroll, James Francis, *Jr.*  
 Cathcart, Alexander Hayward, *Fr.*  
 Cathcart, James Adams, *Fr.*  
 Chamberlain, Rodman Wright, *Fr.*  
 Chapman, Jay Wilbur, Jr., *Sr.*  
 Churchill, John, *Fr.*  
 CLARK, DAVID TAGGART, *Asst. Prof.*  
 Clark, John Hallett, Jr., *Fr.*  
 Clarke, Caspar William, *Fr.*  
 CLARKE, SAMUEL FESSENDEN, *Prof.*  
 Clarkson, Freeman, Jr., *Soph.*  
 Clarkson, William Brown, *Jr.*  
 CLELAND, HERDMAN FITZGERALD,  
*Prof.*  
 Cochran, Joseph Plumb, *Soph.*  
 Coffin, Holland, *Jr.*  
 Cole, Eugene Maurice, *Fr.*  
 Cole, Howard Chappel, *Fr.*  
 Coleman, Douglas Rulison, *Fr.*  
 Comstock, William Steele Brown,  
*Sr.*  
 Conger, Frederick, *Sr.*  
 Conklin, Theodore Brigham, *Fr.*  
 Connor, Peter Fries, *Fr.*  
 Cook, Charles Bennett, Jr., *Sr.*  
 Cooke, Howard Holden, *Fr.*  
 Copeland, Henry Howard, *Soph.*  
 Corey, Sanford, *Soph.*  
 Corner, Horace Ranney, *Fr.*  
 CORWIN, ROY STANLEY, *Inst.*  
 Cossum, Clarence Mannington, *Sr.*  
 Cowell, Harold Cobb, *Soph.*  
 Cowperthwaite, Harold Frederick,  
*Fr.*  
 Crane, Donald, *Fr.*  
 Crane, Robert, *Jr.*  
 Cravens, Ridgway Miller, *Soph.*  
 Crawford, Clyde Huxster, *Sr.*  
 Crawford, Douglas, *Fr.*  
 Crosby, William Anderson, *Soph.*  
 Crosman, William Ballou, *Fr.*  
 CRU, ALBERT LOUIS, *Inst.*  
 Crum, William Leonard, *Soph.*  
 Curtis, George Terry, *Soph.*  
 Cutler, Conrad Ford, *Fr.*  
 Dake, Burton Sargeant, *Jr.*  
 Daly, Arthur James, *Jr.*  
 DAME, ALFRED MITCHELL, *Inst.*  
 Dana, Henry Trumbull, *Jr.*  
 Danaher, John Joseph, *Jr.*  
 Dauchy, Theodore Hamilton, *Soph.*  
 Davis, George Allen, Jr., *Jr.*  
 Davis, John Goldthwait, *Soph.*  
 Davis, Robert Stevens, *Fr.*  
 Day, Wolfram Charles Franklin,  
*Fr.*  
 Dearborn, Henry, *Jr.*  
 Debevoise, Elliott, *Fr.*  
 de Bronkart, Eugene Hoyne, *Jr.*  
 Deely, John Martin, *Fr.*  
 de Lagerberg, Guy Eugene, *Jr.*  
 DeLand, Charles Airmet, Jr., *Soph.*  
 DELANO, EUGENE, *Trustee*  
 Dempsey, Ira Millard, *Fr.*  
 Dennison, David Short, *Fr.*  
 DEWEY, HARRY PINNEO, *Trustee*  
 Dewey, John Clarke, Jr., *Jr.*  
 DICKERMAN, SHERWOOD OWEN,  
*Asst. Prof.*  
 Dickinson, Ashley Weed, *Jr.*  
 Doan, Thomas Worth, *Sr.*

Doane, Franklin Clyde, *Fr.*  
 DOUGHTY, WILLIAM HOWARD, JR.,  
*Asst. Prof.*  
 Driscoll, Keith Francis, *Fr.*  
 DROPPERS, GARRETT, *Prof.*  
 DuBois, Norman Delafield, *Fr.*  
 Duffield, Norman, *Soph.*  
 DUNBAR, JAMES ROBERT, *Trustee*  
 Duryea, Howard Ernest, *Soph.*  
 DUTTON, GEORGE BURWELL, *Inst.*  
 Eaton, Berrien Clark, *Fr.*  
 Eaton, Webster Wright, *Fr.*  
 Edwards, John Owen Stearns, *Jr.*  
 Eells, Howard Parmelee, Jr., *Fr.*  
 Ely, Charles Franklyn, *Soph.*  
 Emery, Steuart Mackie, *Soph.*  
 Ernst, George Goodman, *Fr.*  
 Evans, Samuel Scriven, Jr., *Soph.*  
 Eyre, Beverly Montagu, *Fr.*  
 Fay, Harold Van Vechten, *Sr.*  
 Fay, Willis Ward, *Fr.*  
 Ferguson, John William, Jr., *Fr.*  
 FERRY, FREDERICK CARLOS,  
*Dean and Prof.*  
 Field, Herbert Edward, *Soph.*  
 Field, Manning Cromwell, *Sr.*  
 Field, William Hinrichs, *Jr.*  
 Fielding, Richard Starbuck, *Jr.*  
 Fish, Harold Howell, *Fr.*  
 Fish, Irving Duncan, *Jr.*  
 Flanders, Talbot, *Jr.*  
 Fletcher, Loren Albert, *Soph.*  
 Fowler, John Eliot, *Jr.*  
 Frazier, Lyman Sheridan, *Soph.*  
 Freeman, Edward Livingston, *Jr.*  
 French, Stephen Luther, *Soph.*  
 Fried, Walter Cleveland, *Sr.*  
 Frink, Herbert Lincoln, *Fr.*  
 Fulton, Louis, *Fr.*  
 Furness, Thomas Foster, *Fr.*  
 Gabriel, Gilbert Wolf, *Sr.*

GALBRAITH, JOHN SAYWARD,  
*Asst. Prof.*  
 Gale, Alfred Warren, *Soph.*  
 GARFIELD, HARRY AUGUSTUS,  
*President*  
 Garfield, John Newell, *Fr.*  
 Garfield, Mason, *Soph.*  
 Garrett, John Wily, *Fr.*  
 Garver, Russell Bare, *Fr.*  
 Gates, Ryerson Dudley, Jr., *Sr.*  
 Geer, Joseph White, *Soph.*  
 Gibson, John Beebe, *Jr.*  
 Gifford, Lewis Foster, *Sr.*  
 Gilchrist, Huntington, *Jr.*  
 Gilchrist, John Mason, *Fr.*  
 Gildersleeve, Richard, *Sr.*  
 Gildersleeve, Roger Morton, *Fr.*  
 Gill, Fletcher Ladd, *Soph.*  
 Gillette, John Westfield, Jr., *Soph.*  
 Gleason, Randolph Wyman, *Fr.*  
 Glock, Carl Edward, *Soph.*  
 Goddard, John Calvin, Jr., *Sr.*  
 Golding, Robert Noble Taber, *Fr.*  
 Goldman, Robert Julius, *Fr.*  
 Goldsmit, Gerald Louis, *Soph.*  
 GOODRICH, FRANK, *Prof.*  
 Gordon, George Selbie, *Jr.*  
 Graham, Edwin Saffen, *Soph.*  
 GREEN, ELMER ALANSON, *Recorder*  
 Greene, Howard Thomas, *Fr.*  
 Greene, James Thomas, *Soph.*  
 Greenleaf, Donald Leal, *Sr.*  
 Gregor, David Gilbert, *Fr.*  
 GRIFFIN, SOLOMON BULKLEY,  
*Trustee*  
 Guiterman, Alexander Michel, *Fr.*  
 Guthrie, William Lawrence, *Fr.*  
 HACK, ROY KENNETH, *Inst.*  
 Hale, Henry Tracy, *Fr.*  
 Hall, Charles Blake, *Fr.*  
 Hall, Durand Appleton, *Jr.*  
 Hamerslag, Robert Joseph, *Fr.*

- Hamlin, Julian Delamater, *Jr.*  
 Hammond, Alan Archibald, *Soph.*  
 Harder, George Harold, *Fr.*  
 HARDY, JAMES GRAHAM,  
*Assoc. Prof.*  
 HARRINGTON, ELMER ADNA, *Inst.*  
 Harris, Donald Ryan, *Fr.*  
 Hart, Charles Randall, *Jr.*  
 HART, WILLIAM COOK,  
*Asst. to Treas.*  
 Harter, Stockton, *Fr.*  
 Hathaway, Bradford, *Sr.*  
 Havens, Herbert Spencer, *Fr.*  
 Hawkins, Charles Francis, *Sr.*  
 Hay, Edward Marion, *Fr.*  
 Hayden, Charles Myron, *Fr.*  
 Haynes, George Emerson, *Soph.*  
 Haynes, Laurence Stanford, *Fr.*  
 Headley, Allston, *Soph.*  
 Hedden, Charles Leslie, *Sr.*  
 Hedden, Ernest Myers, *Fr.*  
 Heister, Howard Townsend, *Sr.*  
 Hemming, Olyn Daffan, *Fr.*  
 Hendricks, Henry Solomon, *Soph.*  
 Herrick, James Frederick, *Fr.*  
 Herrington, Byron Moore, *Fr.*  
 Hewat, Frederick Armitage, *Sr.*  
 Hewlett, Frederick Clowes, *Jr.*  
 HEWITT, JOHN HASKELL,  
*Prof. Emer.*  
 HEWITT, THEODORE BROWN, *Inst.*  
 Heywood, Philip Butler, *Jr.*  
 Higinbotham, George William,  
*Soph.*  
 HILDRETH, WALTER ALMERIAN, *Inst.*  
 Hinkle, Walter Mills, *Soph.*  
 Hoar, Daniel Francis, *Jr.*  
 Hodge, Karl Hofmann, *Fr.*  
 Hodge, Richard Hallaran, *Fr.*  
 HOLT, CHARLES SUMNER, *Trustee*  
 Hopper, Guy Groustein, *Jr.*  
 Horton, Herbert Roy, *Fr.*
- Hosley, Charles Winthrop, *Sr.*  
 Hotchkiss, Henry Greene, *Jr.*  
 HOWARD, FREDERICK HOLLIS, *Prof.*  
 Howard, John Tasker, *Jr., Jr.*  
 HOWES, GEORGE EDWIN, *Prof.*  
 HOYT, WILLARD EVANS, *Treas.*  
 Hubbell, George Loring, *Jr., Fr.*  
 Hubbell, John Platt, *Jr.*  
 Hubbell, Wolcott, *Sr.*  
 Hunnewell, Norman Frothingham,  
*Fr.*  
 Hunter, John B., *Fr.*  
 Hyde, Paul Hull, *Fr.*  
 Jewett, Robert Rollin, *Soph.*  
 JOHNSON, CARL WILHELM, *Inst.*  
 Johnson, Walter Erwin, *Soph.*  
 Johnstone, Jack Butler, *Fr.*  
 Jonas, James Abraham, *Fr.*  
 Jones, Chester Morse, *Jr.*  
 Jones, David Gale, *Soph.*  
 Jones, Herbert Du Noyer, *Soph.*  
 Jones, Rochester Burnett, *Jr.*  
 Judd, Willis Webster, *Jr.*  
 Keady, George Cregan, *Fr.*  
 Keller, Daniel Schneck, *Fr.*  
 Kelley, Frank Sampson, *Jr.*  
 Kellogg, Branton Holstein, *Sr.*  
 KELLOGG, JAMES LAWRENCE, *Prof.*  
 Ketcham, Tuthill, *Fr.*  
 Kidder, Morris James, *Fr.*  
 Kimball, Stuart English, *Fr.*  
 Kimberly, Arthur Myndert, *Sr.*  
 King, George, *Fr.*  
 King, James Ernest, *Sr.*  
 KING, JAMES PERCIVAL, *Asst. Prof.*  
 Knowlton, Henry Randolph, *Fr.*  
 Kohn, Lawrence Albert, *Soph.*  
 Kortright, Warren Post, *Jr.*  
 Lacy, Clive Woodbury, *Soph.*  
 Ladd, Henry Manchester, *Jr.,*  
*Soph.*  
 Laffey, Meredith Clearman, *Soph.*

*Prof.*

MacLeish, Norman Hillard, *Fr.*  
MacLeod, Roderick, *Jr.*  
McManus, Edwin Sidley, *Soph.*  
MacNamee, Frank Angelo, *Jr., Fr.*  
Macherson, Charles Rust, *Fr.*  
Main, Frank LeRoi, *Fr.*  
Marchand, Charles Martin, *Soph.*  
Markstein, Jerome Eisman, *Soph.*  
Marshall, Perry Raymond Foster,  
*Sr.*  
Martin, Harry Perry, *Sr.*  
Martinez, Edward Louis, *Fr.*  
Martinez, John Miguel, *Jr.*  
Mason, William Pitt, *Jr., Soph.*  
Mather, Thomas Ray, *Jr.*  
Matz, John Dusenbury, *Sr.*  
MAXCY, CARROLL LEWIS, *Prof.*  
Maynard, Edwin Post, *Jr., Soph.*  
MEARS, BRAINERD, *Asst. Prof.*  
Mears, Frederic Woehler, *Jr.*  
MEARS, LEVERETT, *Prof.*  
Meeker, John Harbeck, *Soph.*  
MERRIAM, DANIEL, *Trustee*  
Merrill, Frederic Arnold, *Jr.*  
Merritt, Lewis Cuddeback, *Jr.*  
Michael, Sidney Morris, *Jr.*  
Michler, Gordon Hunt, *Fr.*  
MILHAM, WILLIS ISBISTER, *Prof.*  
Miller, John Richardson, *Jr.*  
Moffat, David, *Soph.*  
Moody, Wilson Bridges, *Soph.*  
Morgan, Barry Lincoln, *Fr.*  
Mortenson, Charles Nelson, *Jr.*  
MORTON, ASA HENRY, *Prof.*  
Mosher, John Chapin, *Soph.*  
Mygatt, Francis Stetson, *Jr.*  
Nagle, Ashley Pierce Robert, *Sr.*  
Narten, Henry Siller, *Jr.*  
Nash, Edwin Gates, *Fr.*  
Nathan, Edgar Joshua, *Jr., Jr.*  
Naumburg, Robert Elkan, *Jr.*  
Neagle, Alexander Hill, *Sr.*

- Newton, James Fay, *Fr.*  
 Newton, Robert Ray, *Soph.*  
 Nightingale, John Kewley Hen-  
   shaw, Jr., *Jr.*  
 Northrop, Addison Hurlbutt, *Soph.*  
 Nusbickel, Thomas Raymond, *Jr.*  
 Oakes, Frederick Warren, Jr., *Fr.*  
 O'Brien, Joseph Aloysius Fizez, *Fr.*  
 Olmsted, Charles Frederic, Jr.,  
   *Soph.*  
 Olmsted, Franklin Fessenden,  
   *Soph.*  
 Osborn, Charles Marcus, III, *Fr.*  
 Otis, Paul Franklin, *Sr.*  
 Pack, Arthur Newton, *Soph.*  
 Page, Jerome Foote, *Jr.*  
 Palmer, Ralph Finch, *Fr.*  
 Parsons, Carle Lawyer, *Jr.*  
 Parsons, Edgar Burnside, *Fr.*  
 Paton, William Kennell, *Fr.*  
 Patten, Ernest Boynton, *Sr.*  
 Patterson, Andrew Fleming, *Fr.*  
 Payson, Phillips Merrill, *Fr.*  
 Peabody, Alexander Stuart, *Fr.*  
 Pearson, Lucien Dean, *Soph.*  
 Peirson, Lawrence Wood, *Sr.*  
 PERDRIAU, LOUIS, *Inst.*  
 Perrin, Edwin Oscar, *Sr.*  
 PERRY, BLISS, *Trustee*  
 PERRY, LEWIS, *Prof.*  
 Perry, Osgood, *Jr.*  
 Perry, Reginald Dwight, *Soph.*  
 Phelps, Charles Blanchard, Jr., *Fr.*  
 Phillips, Charles Swayne, *Jr.*  
 Pillsbury, Alfred Perkins, *Soph.*  
 Pitcher, Dwight Copley, *Jr.*  
 Porter, Edward Erskine, *Fr.*  
 Porter, Joseph Douglas, *Soph.*  
 Potter, Philip Childs, *Soph.*  
 Powell, Edward Merriam, *Jr.*  
 Power, Robert Ellsworth, *Fr.*  
 Powers, Kent Holeman, *Fr.*  
 Pratt, Dwight Harold, *Soph.*  
 Pratt, Henry Townsend, *Fr.*  
 PRATT, JAMES BISSETT, *Asst. Prof.*  
 Pratt, Schuyler, *Jr.*  
 Pressey, Sidney Leavitt, *Sr.*  
 Price, Kenneth Talbot, *Sr.*  
 Prince, Leonard Sidney, *Soph.*  
 Prindle, John Guy, *Jr.*  
 Pulford, Maxon How, *Sr.*  
 Rahill, John Wells, *Sr.*  
 Rand, Frank Prentice, *Sr.*  
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